5-4520-251-24 P

TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

FOR

HEATER, DUCT TYPE, PORTABLE, TRAILER MOUNTED, 400,000 BTU/HR HUNTER MODEL PH-400-G NSN 4520-01-136-2139

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HEADQUARTERS, DEPARTMENT OF THE ARMY

27 DECEMBER 1985

CHANGE
No. 2

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 27 March 1987

Organizational, Direct Support and
General Support Maintenance
Repair Parts and Special Tools List
(Including Depot Maintenance Repair Parts and Special Tools)

For

HEATER, DUCT TYPE, PORTABLE, TRAILER MOUNTED,
400,000 BTU/HR
HUNTER MODEL PH-400-G
NSN 4520-01-136-2139

TM 5-4520-251-24P, 27 December 1985, is changed as follows:

1. Remove and insert pages as indicated below.

Remove pages	Insert pages
1-1 and Figure 2	1-1
----	Figure 2, Sheets 1 and 2
2-1 and Figure 3	2-1 and Figure 3
3-1 and Figure 4	3-1 and Figure 4
4-1 and 4-2	4-1 and 4-2
5-1 and 5-2	5-1 and 5-2
8-1 and Figure 9	8-1 and Figure 9
9-1 and Figure 10	9-1 and Figure 10
13-1 and 13-2	13-1 and 13-2
14-1 and Figure 15	14-1 and Figure 15
15-1 and 15-2	15-1 and 15-2
16-1 and Figure 17	16-1 and Figure 17
20-1 and Figure 21	20-1 and Figure 21
24-1 and Bulk-1	24-1 and Bulk-1

2. The asterisk (*) to the left of the ITEM NO. Column adjacent to the line item indicates the current change.

3. The change includes addition of NSN to the Part Number Index.

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR.
General, United States Army
Chief of Staff

Official:

R. L. DILWORTH
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION:
To be distributed in accordance with DA Form 12-25A, Organizational, Direct Support and General Support Maintenance Requirements for Heater, duct, Portable, Trailer Mounted, 400,000 BTU (PH-400-G)

CHANGE NO. 1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 6 December 1986

Organizational, Direct Support and
General Support Maintenance Repair Parts
and Special Tools List (Including Depot
Maintenance Repair Parts
and Special Tools)

HEATER, DUCT TYPE, PORTABLE, TRAILER MOUNTED,
400,000 BTU/HR
HUNTER MODEL PH-400-G
NSN 4520-01-136-2139

TM 5-4520-251-24P, 27 December 1985, is changed as follows:

1. Remove and insert pages as indicated below:

Remove pages	Insert pages
15-1 and 15-2	15-1 and 15-2

2. The asterisk (*) to the left of the ITEM NO. Column adjacent to the line item indicates the current change.

3. The change includes addition of NSN to the Part Number Index.

4. Retain this sheet in front of manual for reference purposes.

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TECHNICAL MANUAL
NO 5-4520-251-24P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 27 December 1985

Organizational, Direct Support and General Support Maintenance Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts and Special Tools) FOR HEATER, DUCT TYPE, PORTABLE, TRAILER MOUNTED, 400,000 BTU/HR HUNTER MODEL PH-400-G

NSN 4520-01-136-2139
Current as of 1 April 1984

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

Section I. INTRODUCTION

1. **SCOPE.** This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of organizational, direct support, and depot maintenance, including Depot maintenance, of the 400,000 BTU heater. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

2. **GENERAL.** In addition to this section, Introduction, this Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair parts kits are listed separately in their own functional group within Section II. Repair parts for repairable special tools are also listed in this section. Items listed are shown on the associated illustration(s)/figure(s).

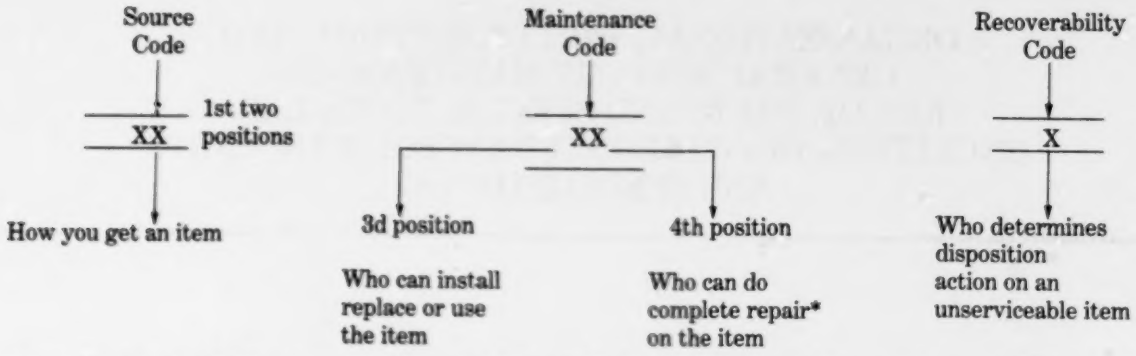
b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance.

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. **EXPLANATION OF COLUMNS (SECTIONS II AND III).**

a. ITEM NO. (Column (1)). Indicates the number used to identify items called out in the illustration.

b. SMR Code (Column (2)). The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



*Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

*(1) **Source Code.*** The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

Code	Explanation
PA PB PC** PD PE PF PG	Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3d position of the SMR code. **NOTE: Items coded PC are subject to deterioration.
KD KF KB	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3d position of the SMR code. The complete kit must be requisitioned and applied.

	Explanation
MO—(Made at org/ AVUM Level) MF—(Made at DS/ AVUM Level) MH—(Made at GS Level) ML—(Made at Specialized Repair Activity (SRA)) MD—(Made at Depot)	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION and USABLE ON CODE (UOC) column and listed in the Bulk Material group of the repair parts list in the RPSTL. If the item is authorized to you by the 3d position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.

	Explanation
AO—(Assembled by org/AVUM Level) AF—(Assembled by DS/AVIM Level) AH—(Assembled by GS Category) AL—(Assembled by SRA) AD—(Assembled by Depot)	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3d position code of the SMR code authorizes you to replace the item, but the source code indicates the items are assembled at a higher level, order the item from the higher level of maintenance.

Code	Explanation

XA—Do not requisition an "XA" -coded item. Order its next higher assembly. (Also, refer to the NOTE below.)
XB—If an "XB" item is not available from salvage, order it using the FSCM and part number given.
XC—Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD—Item is not stocked. Order an "XD" -coded item through normal supply channels using the FSCM and part number given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 700-42.

(2) ***Maintenance Code.*** Maintenance codes tells you the level(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR Code as follows:

(a) The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following levels of maintenance.

Code	Application/Explanation
C	—Crew or operator maintenance done within organizational or aviation unit maintenance.
O	—Organizational or aviation unit category can remove, replace, and use the item.
F	—Direct support or aviation intermediate level can remove, replace, and use the item.
H	—General support level can remove, replace, and use the item.
L	—Specialized repair activity can remove, replace, and use the item.
D	—Depot level can remove, replace, and use the item.

(b) The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (i.e., perform all authorized repair functions.) NOTE: Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes. This position will contain one of the following maintenance codes.

Code	Application/Explanation
O	—Organizational or (aviation unit) is the lowest level that can do complete repair of the item.
F	—Direct support or aviation intermediate is the lowest level that can do complete repair of the item.

Code	Application/Explanation
H	—General support is the lowest level that can do complete repair of the item.
L	—Specialized repair activity is the lowest level that can do complete repair of the item.
D	—Depot is the lowest level that can do complete repair of the item.
Z	—Nonreparable. No repair is authorized.
B	—No repair is authorized. (No parts or special tools are authorized for the maintenance of a "B" coded item). However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

(3) Recoverability Code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR Code as follows:

Recoverability Codes	Application/Explanation
Z	—Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3d position of SMR Code.
O	—Reparable item. When uneconomically reparable, condemn and dispose of the item at organizational or aviation unit level.
F	—Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support or aviation intermediate level.
H	—Reparable item. When uneconomically reparable, condemn and dispose of the item at the general support level.
D	—Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
L	—Reparable item. Condemnation and disposal not authorized below specialized repair activity (SRA).
A	—Item requires special handling or condemnation procedures because of specific reasons (e.g., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. FSCM (Column (3)). The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

d. PART NUMBER (Column (4)). Indicates the primary number used by the manufacturer, (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

NOTE

When you use a NSN to requisition an item, the i[illegible] you receive may have a different part number from the part ordered.

e. DESCRIPTION AND USABLE ON CODE (UOC) (Column (5)). This column includes the following information:

(1) The Federal item name and, when required, a minimum description to identify the item.

(2) The physical security classification of the item is indicated by the parenthetical entry, e.g., Phy Sec C1 – Confidential, Phy Sec C1 (S) – Secret, Phy Sec C1 (T) – Top Secret.

(3) Items that are included in kits and sets are listed below the name of the kit or set.

(4) Spare/repair parts that make up an assembled item are listed immediately following the assembled item line entry.

(5) Part numbers for bulk materials are referenced in this column in the line item entry for the item to be manufactured/fabricated.

(6) When the item is not used with all serial numbers of the same model, the effective serial numbers are shown on the last line(s) of the description (before UOC).

(7) The usable on code, when applicable (see paragraph 5, Special Information).

(8) In the Special Tools List section, the basis of issue (BOI) appears as the last line(s) in the entry for each special tool, special TMDE, and other special support equipment. When density of equipments supported exceeds density spread indicated in the basis of issue, the total authorization is increased proportionately.

(9) The statement "END OF FIGURE" appears just below the last item description in Column 5 for a given figure in both Section II and Section III.

f. QTY (Column (6)). The QTY (quantity per figure column) indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and may vary from application to application.

4. EXPLANATION OF COLUMNS (SECTION IV).

a. NATIONAL STOCK NUMBER (NSN) INDEX.

(1) STOCK NUMBER column. This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN, i.e. (5305-01-574-1467).

NSN

NIIN

When using this column to locate an item, ignore the first 4 digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

(2) FIG. column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in Section II and Section III.

(3) ITEM column. The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

b. PART NUMBER INDEX. Part numbers in this index are listed by part number in ascending alphanumeric sequence (i.e., vertical arrangement of letter and number combination which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

(1) FSCM column. The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

(2) PART NUMBER column. Indicates the primary number used by the manufacturer (individual, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

(3) STOCK NUMBER column. This column lists the NSN for the associated part number and manufacturer identified in the PART NUMBER and FSCM columns to the left.

(4) FIG. column. This column lists the number of the figure where the item is identified/located in Sections II and III.

(5) ITEM column. The item number is that number assigned to the item as it appears in the figure referenced in adjacent figure number column.

5. **SPECIAL INFORMATION.** Use the following subparagraphs as applicable:

a. USABLE ON CODE. The usable on code appears in the lower left corner of the Description column heading. Usable on codes are shown as "UOC: . . . . ." in the Description Column (justified left) on the first line applicable item description/nomenclature. Uncoded items are applicable to all models.

b. ASSOCIATED PUBLICATIONS. The publication listed below pertains to the 400,000 BTU Heater and its components.

Publication	Short Title
TM 5-4520-251-14	Heater, Duct Type, Portable, Trailer Mounted, 400,000 BTU/HR

6. **HOW TO LOCATE REPAIR PARTS.**

a. When National Stock Number or Part Number is NOT Known.

(1) First. Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

(2) Second. Find the figure covering the assembly group or subassembly group to which the item belongs.

(3) Third. Identify the item on the figure and note the item number.

(4) Fourth. Refer to the Repair Parts List for the figure to find the part number for the item number noted on the figure.

(5) Fifth. Refer to the Part Number Index to find the NSN, if assigned.

b. When National Stock Number or Part Number is Known:

(1) First. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National Stock Number or Part Number. The NSN index is in National Item Identification Number (NIIN) sequence (see 4a(1)). The part numbers in the Part Number index are listed in ascending alphanumeric sequence (see paragraph 4b). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) Second. After finding the figure and item number, verify that the item is the one you are looking for, then locate the item number in the repair parts list for the figure.

7. **ABBREVIATIONS.** Abbreviations used in this manual are listed in MIL-STD-12.

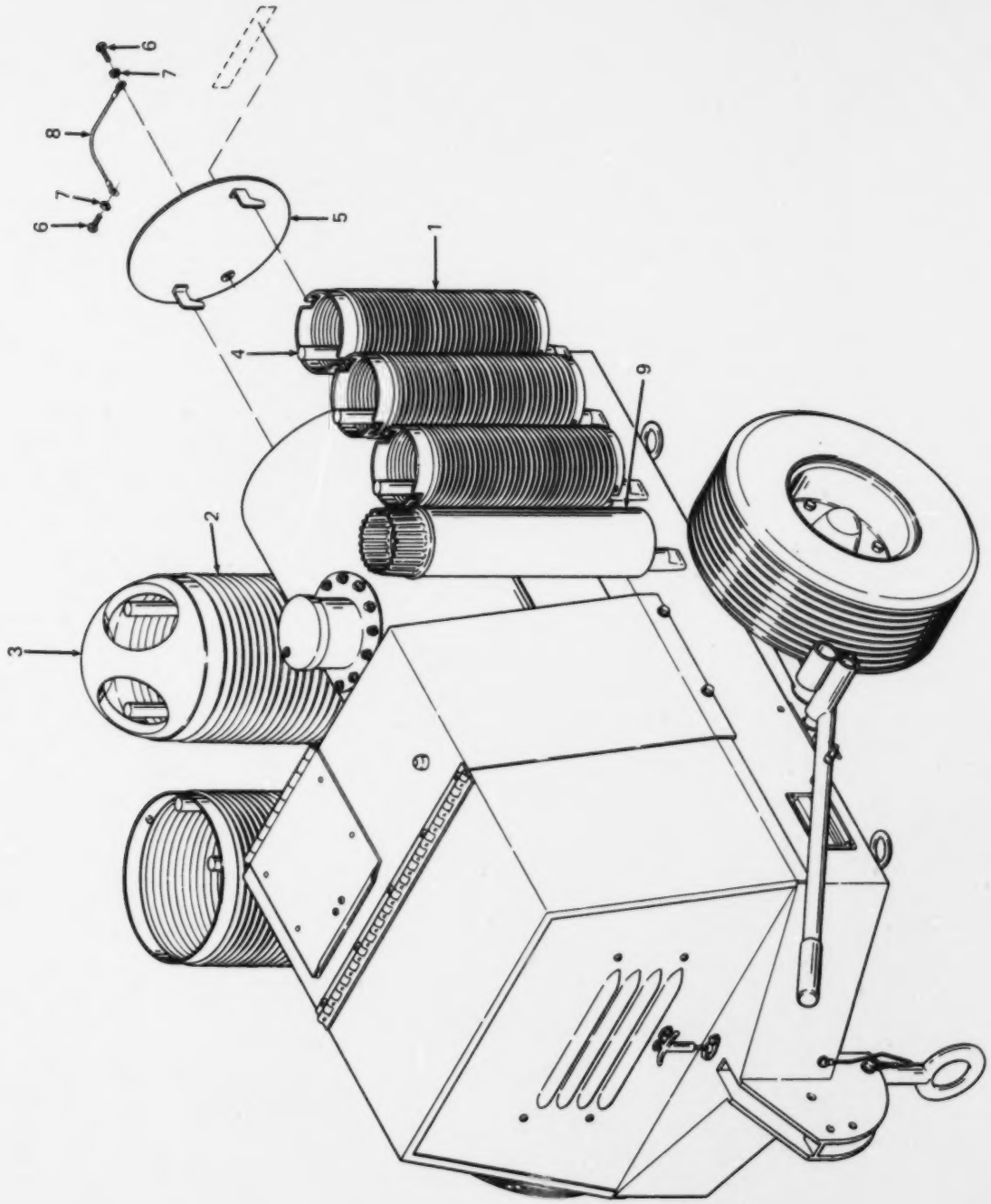


Figure 1. Duct, Adapter, and Support Handles

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 01 HOSE, ADAPTER, OUTLET COVER, AND SUPPORT HANDLES	
				FIG. 1 DUCT, ADAPTER, AND SUPPORT HANDLES	
1	PAOZZ	16632	AME2001-0003	HOSE ASSY,AIR DUCT, 6 IN.DIA.	3
2	PAOZZ	16632	AME2002-0003	HOSE ASSY,AIR DUCT,12 IN.DIA.	2
3	PAOZZ	16632	DEA-00407	ADAPTER 12 IN.DIA. TO 6 IN.DIA.	1
4	PAOZZ	92878	8227027-01	SUPPORT,DUCT,WOOD 1 IN.DIA.X22 IN.LG	8
5	XBOZZ	92878	2-HP2-4815	COVER,OUTLET	1
6	PAOZZ	96906	MS35206-261	SCREW,MACHINE	2
7	PAOZZ	96906	MS35333-39	WASHER,LOCK,FLAT, INTERNAL TOOTH	2
8	PAOZZ	84256	L8T6	WIRE ROPE ASSEMBLY	1
9	PAOZZ	92878	HP2-4821	PIPE,EXHAUST STACK	1
				END OF FIGURE	

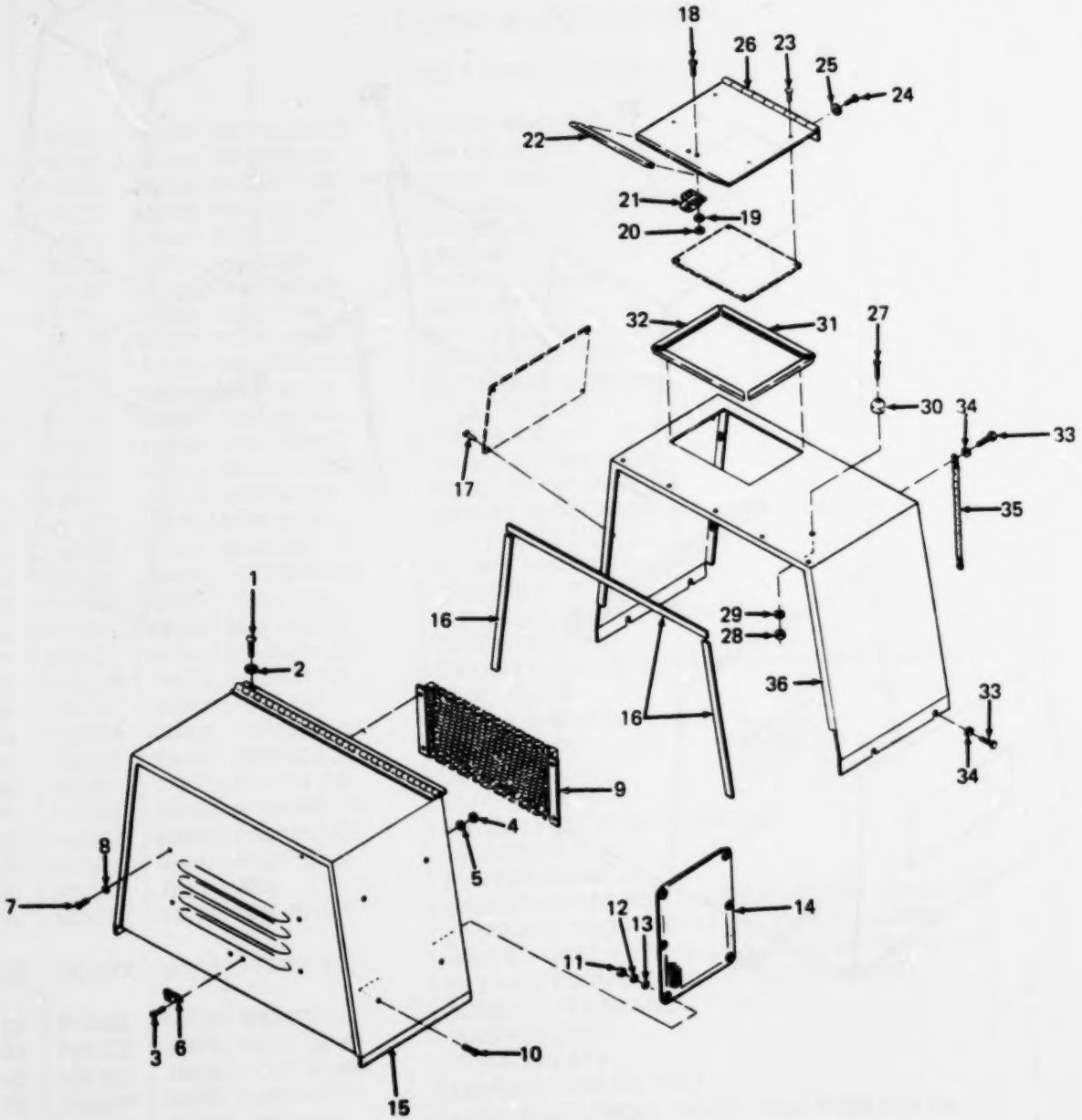


FIGURE 2. HOOD ASSEMBLY(INSULATION PANEL)SHEET 1 OF 2

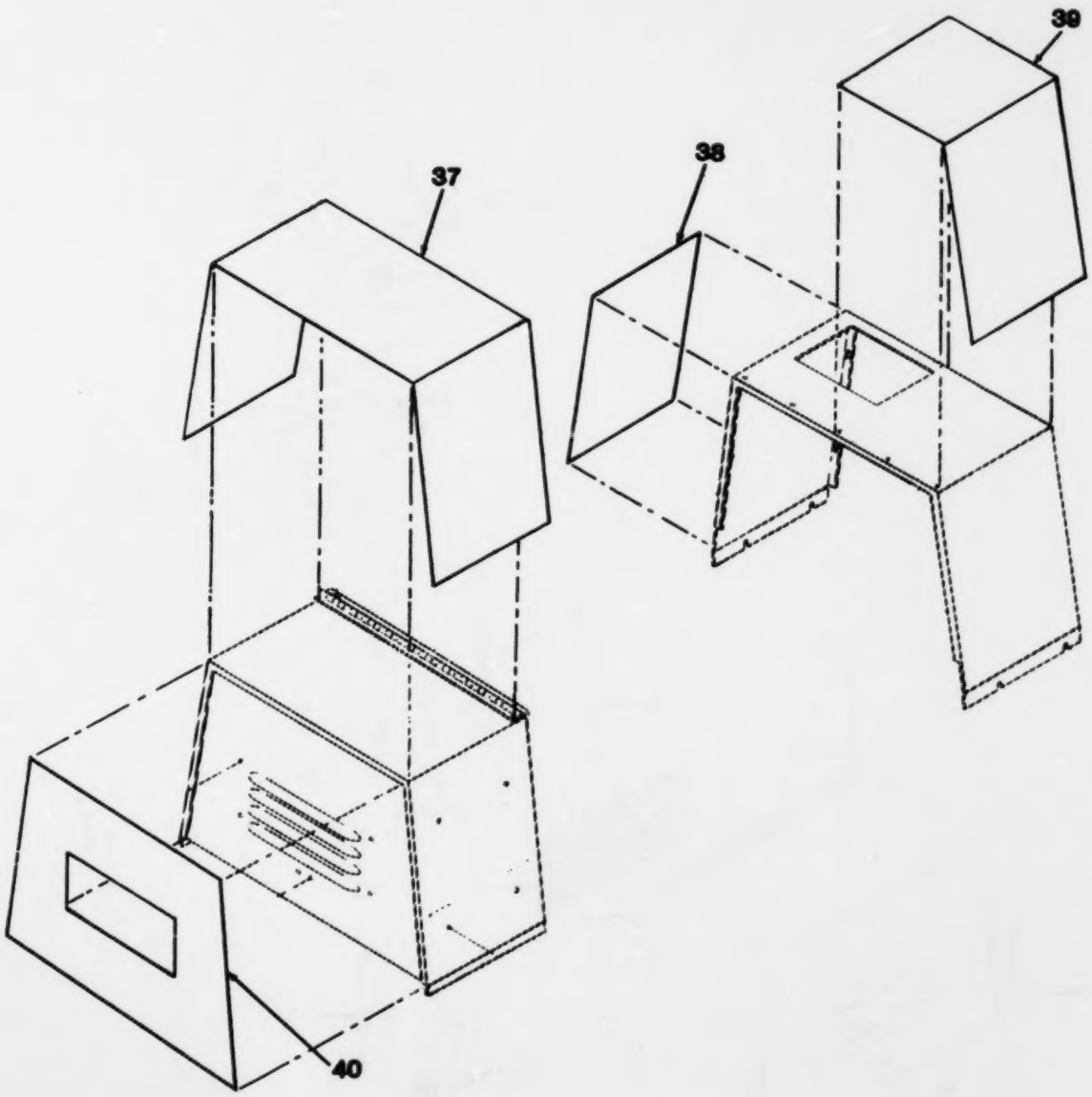


FIGURE 2.HOOD ASSEMBLY(INSULATION PANEL)SHEET 2 OF 2

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 02 HOOD ASSEMBLY	
				FIG. 2 HOOD ASSEMBLY	
1	PAOZZ	96906	MS35206-261	SCREW,MACHINE	5
2	PAOZZ	96906	MS35333-39	WASHER,LOCK	5
3	PAOZZ	96906	MS35206-263	SCREW,MACHINE	2
4	PAOZZ	96906	MS21045-3	NUT,SELF-LOCKING,HEXAGON	2
5	PAOZZ	96906	MS27183-8	WASHER,FLAT	2
6	XBOZZ	19207	10905498	BRACKET	1
7	PAOZZ	96906	MS35206-261	SCREW,MACHINE	4
8	PAOZZ	96906	MS27183-8	WASHER,FLAT	4
9	XBOZZ	92878	2-HP2-4769	BAFFLE,NOISE	1
10	PAOZZ	96906	MS35206-280	SCREW,MACHINE	4
11	PAOZZ	96906	MS51967-2	NUT,PLAIN,HEXAGON	4
12	PAOZZ	96906	MS35333-40	WASHER,LOCK	4
13	PAOZZ	96906	MS27183-10	WASHER,FLAT	4
14	PAOZZ	81349	MIL-C-11743	CASE,MAINTENANCE	1
15	XBOFF	92878	2-HP2-4731	HOOD,FRONT HALF	1
16	MOOZZ	92878	HP2-4812-1	GASKET MAKE FROM P/N HP2-4812(92878)	1
17	PAOZZ	61957	AD42-BS	RIVET,BLIND,POP	4
18	PAOZZ	96906	MS35206-230	SCREW,MACHINE	2
19	PAOZZ	96906	MS27183-6	WASHER,FLAT	2
20	PAOZZ	96906	MS21045-06	NUT,SELF-LOCKING,HEXAGON	2
21	XBOZZ	57386	NV-9823-1-Z1	CATCH,FRICTION	1
22	MOOZZ	92878	HP2-4810-3	GASKET MAKE FROM P/N HP2-4810(92878) 10IN.REQ	1
23	PAOZZ	61957	AD42-BS	RIVET,BLIND	4
24	PAOZZ	96906	MS35206-261	SCREW,MACHINE	3
25	PAOZZ	96906	MS35333-39	WASHER,LOCK	3
26	XBOFF	92878	2-HP2-4726	DOOR,ACCESS	1
27	PAOZZ	96906	MS35206-233	SCREW,MACHINE	1
28	PAOZZ	96906	MS21045-06	NUT,SELF-LOCKING,HEXAGON	1
29	PAOZZ	96906	MS27183-6	WASHER,FLAT	1
30	PAOZZ	70485	23W	BUMPER,RUBBER	1
31	MOOZZ	92878	HP2-4810-1	GASKET MAKE FROM BULK GASKET MATERIAL P/N HP2-4810 FSCM 92878,11 INCHES REQUIRED	2
32	MOOZZ	92878	HP2-4810-2	GASKET MAKE FROM BULK GASKET MATERIAL P/N HP2-4810 FSCM 92868,9 INCHES REQUIRED	2
33	PAOZZ	96906	MS90725-3	SCREW,CAP,HEXAGON HEAD	9
34	PAOZZ	96906	MS35338-44	WASHER,LOCK	9
35	XBOZZ	92878	1-HP2-4820	CHAIN,SAFETY	1
36	XBOOF	92878	2-HP2-4737	HOOD,BULKHEAD HALF	1
* 37	MOOZZ	92878	HP2-4938	INSULATION,FRONT HOOD, Make From Part No. RS#10542	1
* 38	MOOZZ	92878	HP2-4937	INSULATION,BULKHEAD HOOD,Make From Part No. RS#10542	1
* 39	MOOZZ	92878	HP2-4954	INSULATION,BULKHEAD HOOD,Make From Part No. RS#10542	1
* 40	MOOZZ	92878	HP2-4936	INSULATION,LOUVER PANEL. Make From Part No. RS#10542	1
				END OF FIGURE	

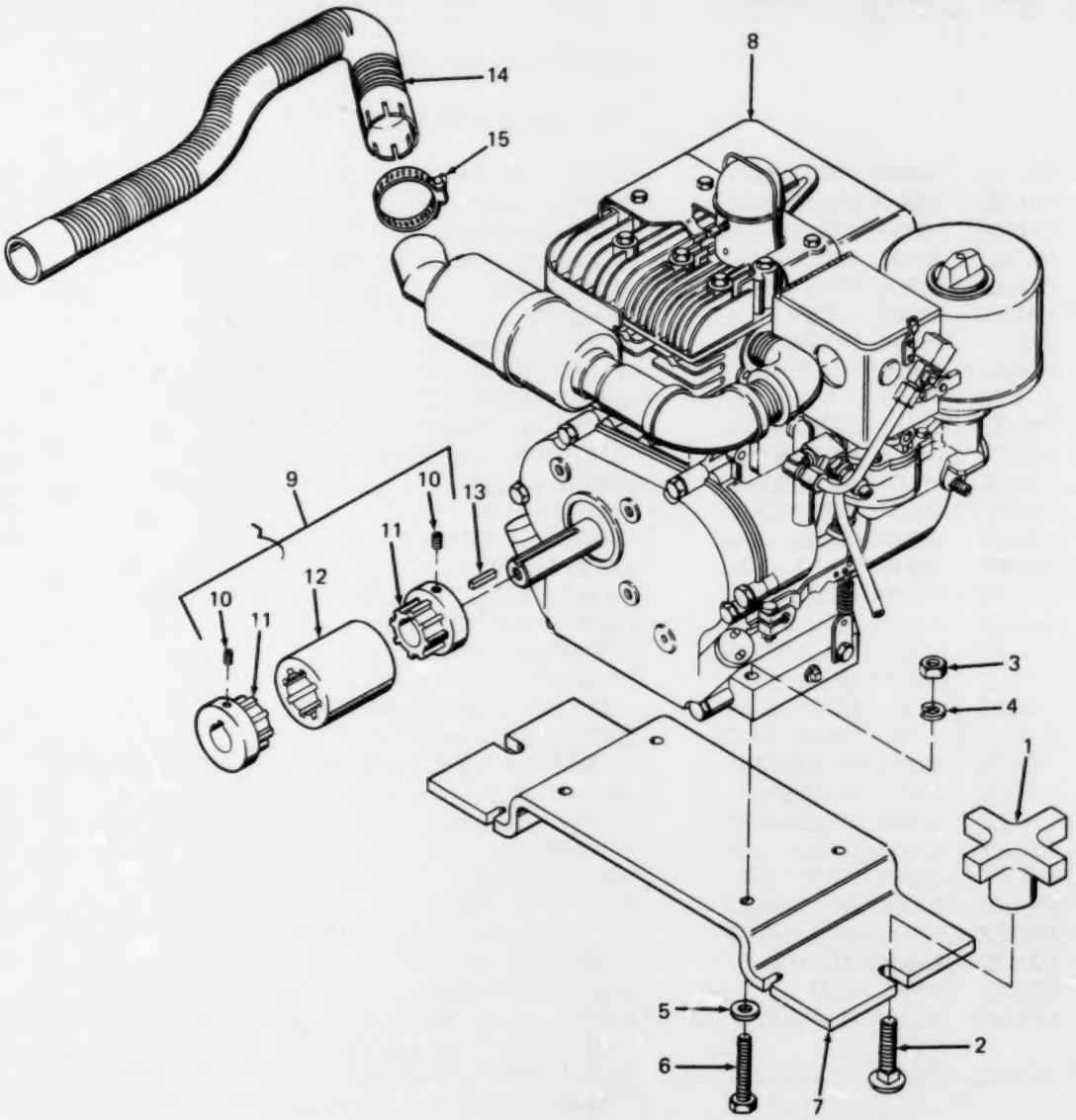


Figure 3. Engine Assembly

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 ENGINE ASSEMBLY	
				FIG. 3 ENGINE ASSEMBLY	
1	XBOZZ	92878	HP2-4708	KNOB	2
2	PAOZZ	96906	MS35751-71	BOLT,SQUARE NECK CARRIAGE	2
3	PAOZZ	96906	MS35649-2312	NUT,PLAIN,HEXAGON	4
4	PAOZZ	96906	MS35338-45	WASHER,LOCK	4
5	PAOZZ	96906	MS27183-12	WASHER,FLAT	8
6	PAOZZ	96906	MS90725-39	BOLT,MACHINE	4
7	XBOZZ	92878	HP2-4482	SUPPORT,ENGINE	1
8	PAOFH	92878	1-HP2-4552	ENGINE,GASOLINE SEE FIGURES 4 THRU 12 FOR BREAKDOWN	1
9	PAOZZ	92878	HP2-4833	COUPLING,SHAFT RIGID	1
10	PAOZZ	96906	MS51021-58	.SETSCREW, HEXAGON SOCKET	2
11	XAOZZ	92878	HP2-4928	.FITTING,END	2
12	XAOZZ	92878	HP2-4927	.SLEEVE	1
13	PAOZZ	96906	MS20066-168	KEY,MACHINE	1
14	XBOZZ	92878	2-HP2-4804	HOSE,EXHAUST	1
15	PAOZZ	04236	45D13	CLAMP,HOSE	1
				END OF FIGURE	

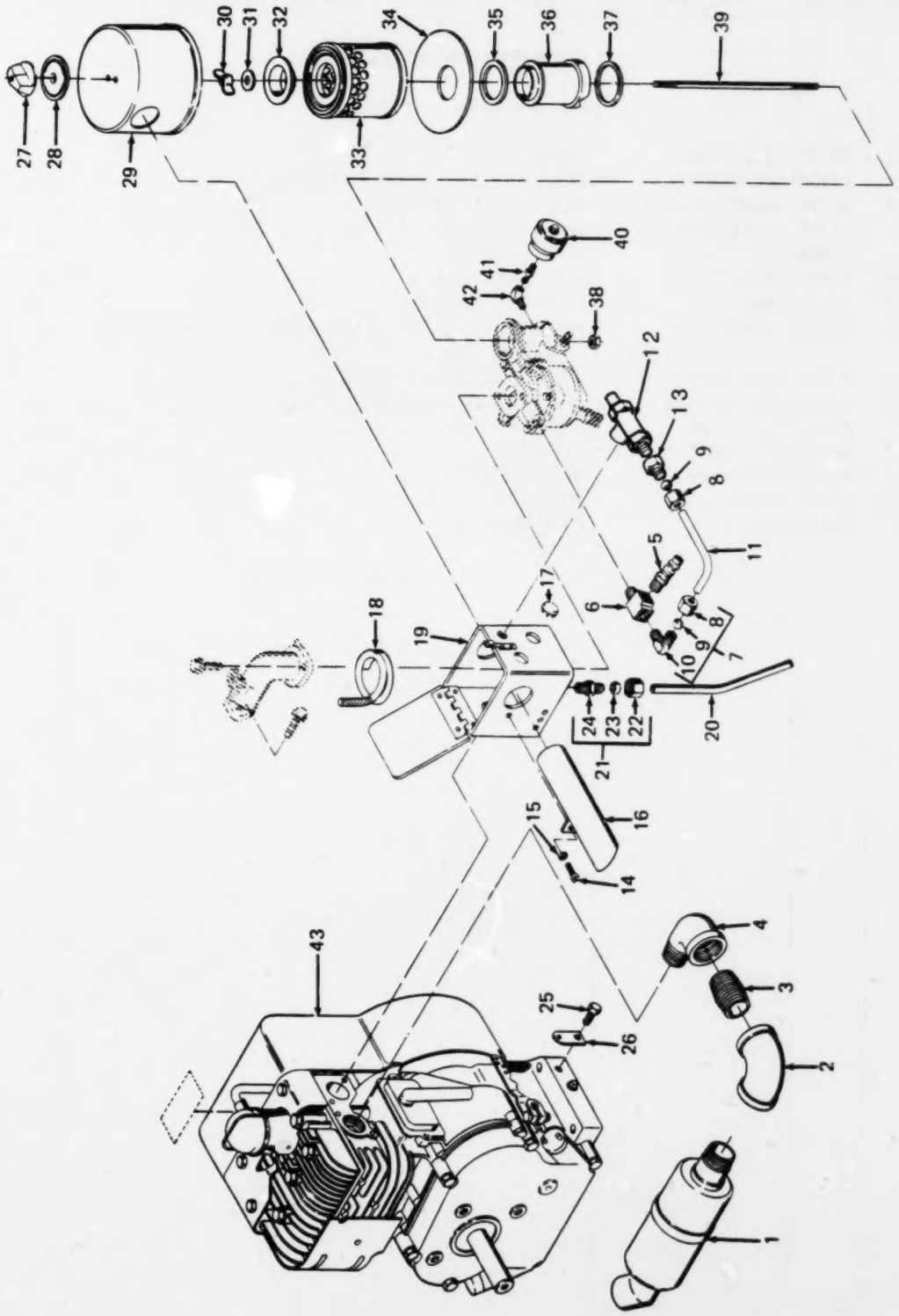


FIGURE 4. ENGINE

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 ENGINE ASSEMBLY	
				FIG. 4 ENGINE	
1	XBOZZ	92878	HP2-4844	.MUFFLER	1
* 2	PAOZZ	72581	119099	.ELBOW,PIPE	1
3	PAOZZ	96906	MS51953-97	.NIPPLE,PIPE	1
4	PAOZZ	96906	MS39230-5	.ELBOW,PIPE	1
5	PAOZZ	73992	B-12	.PLUG,QUICK DISCONNECT,MALE	1
6	PAOZZ	19207	547002	.TEE,PIPE	1
7	PAOZZ	96906	MS51815-3	.ELBOW ASSEMBLY, PIPE TO TUBE	1
8	XAOZZ	96906	MS51823-3	..NUT,TUBE	1
9	XAOZZ	96906	MS51825-3	..SLEEVE,CLINCH	1
10	XAOZZ	96906	MS51815-33	..BODY,ELBOW	1
11	MOOZZ	92878	HP2-4819	.TUBE MAKE FROM BULK COPPER TUBING, 3 9/16 IN.LG.,1/4 IN.OD,0.035 IN.WALL THK P/N ASTM B280 FSCM 81346	1
12	PAOZZ	92878	1-HP2-4942	PETCOCK,PUSHBUTTON	1
* 13	PAOZZ	96906	MS51816-3	.ADAPTER,STRAIGHT,PIPE TO TUBE	1
14	PAOZZ	96906	MS35206-243	.SCREW,MACHINE	1
15	PAOZZ	92878	1037	.WASHER,LOCK	1
16	XBOZZ	92878	2-HP2-4889	.TUBE,AIR INTAKE	1
* 17	PAOZZ	90763	SS-48152	.BUTTON,PLUG	2
18	XBOZZ	92878	HP2-4566	.WICK,FIBERGLASS ROPE,5/8 IN.DIA.X 7 IN.LG	1
19	XBOZZ	92878	2-HP2-4534-1	.BOX ASSEMBLY, PREHEATER	1
20	MOOZZ	92878	HP2-4639	.TUBE,DRAIN MAKE FROM BULK COPPER TUBING,8 1/2 IN.LG.X1/4 IN.OD.X 0.035 IN.WALL THK	1
21	PAOZZ	96906	MS51819-3	.ADAPTER ASSEMBLY, STRAIGHT,PIPE TO TUBE	1
22	XAOZZ	96906	MS51823-3	..NUT,TUBE	1
23	XAOZZ	96906	MS51825-3	..SLEEVE,CLINCH	1
24	XAOZZ	96906	MS51819-3	..ADAPTER,STRAIGHT	1
25	XBOZZ	96906	MS90725-2	.SCREW,MACHINE	1
26	XBOZZ	92878	1-HP2-4567	.BRACKET	1
27	PAOZZ	08645	212293	.KNOB,FILTER,COVER	1
28	PAOZZ	92878	HP2-4888	.GASKET,RUBBER	1
29	XBOZZ	92878	HP2-4782-1	.COVER,FILTER	1
30	PAOZZ	08645	93856	.NUT,WING	1
31	PAOZZ	08645	271118	.WASHER,FLAT	1
32	XBOZZ	08645	222845	.CUP,AIR FILTER	1
33	PAOZZ	79396	42292	.FILTER ELEMENT, INTAKE AIR FILTER	1
34	XBOZZ	92878	HP2-4785	.BASE,AIR FILTER	1
35	PAOZZ	08645	271077	.SPACER, AIR CLEANER	1
36	XBOZZ	08645	280213	.SPACER,AIR FILTER	1
37	PAOZZ	08645	271042	.GASKET,SPACER	1
38	PAOZZ	08645	92987	.NUT,PLAIN,HEXAGON	1
39	XBOZZ	08645	231177	.STUD,AIR FILTER	1
40	PAOZZ	18265	RBX00-2280	.INDICATOR,PRESSURE RESTRICTION	1
41	PAOZZ	18265	P11-2257	.NIPPLE,PIPE	1

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
42	PAOZZ	07334	A0563	.ELBOW,PIPE	1
* 43	PAOFH	92878	132436	.BLOCK,ENGINE,GASOLINE SEE FIGURES 5 THRU 12 FOR BREAKDOWN	1
				END OF FIGURE	

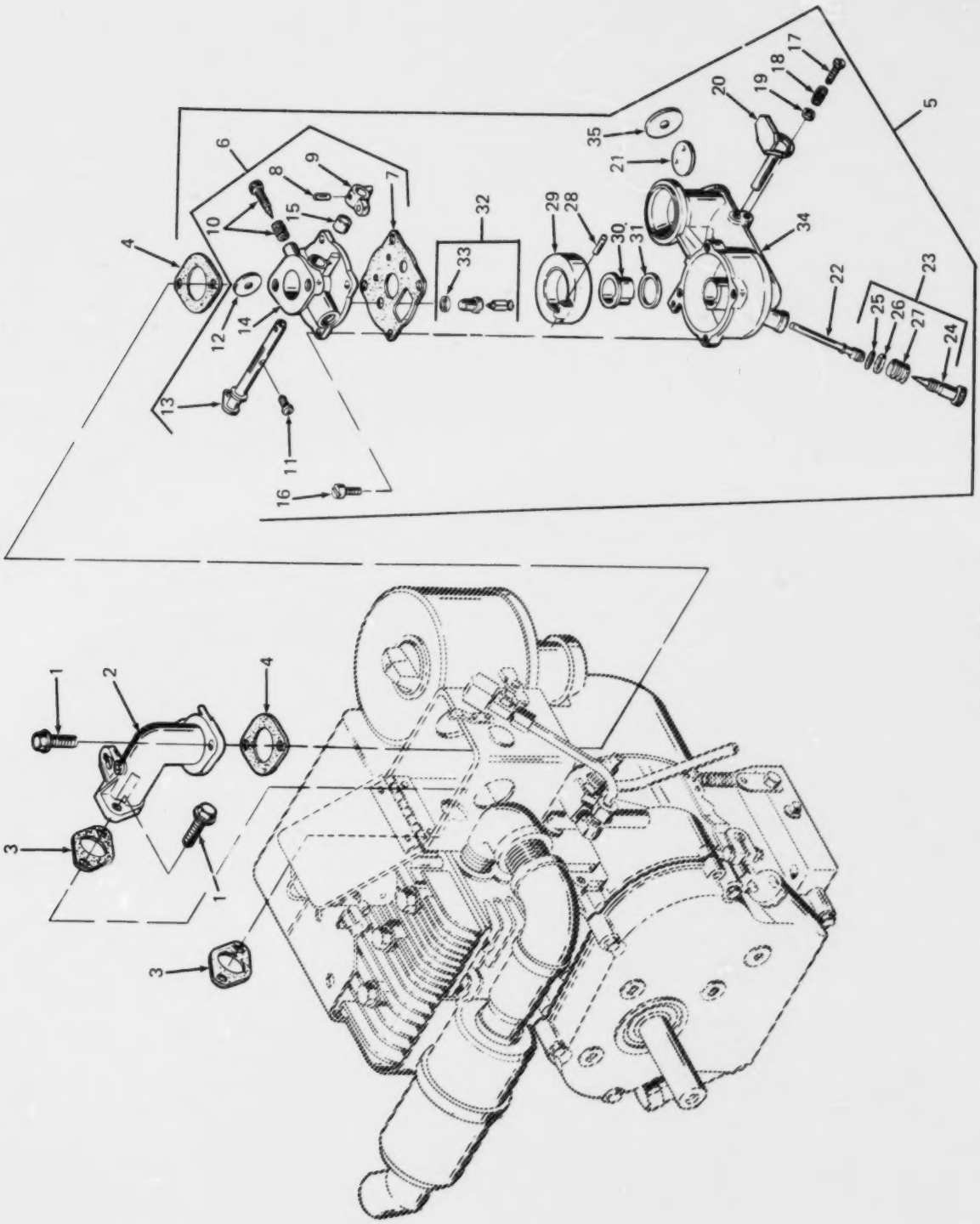


Figure 5. Carburetor

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 ENGINE ASSEMBLY	
				FIG. 5 CARBURETOR	
				.SCREW,CAP,HEXAGON	4
1	PAOZZ	08645	93357	.ELBOW,INTAKE	1
2	XBOZZ	08645	212358	.GASKET,INTAKE	2
3	PAOZZ	08645	27355	.GASKET,CARBURETOR	2
4	PAOZZ	08645	68987	.CARBURETOR ASSEMBLY	1
5	XBOFF	08645	393753	..HOUSING ASSEMBLY,THROTTLE	1
6	XBFFF	08645	393978	...GASKET,CARBURETOR BODY PART OF KIT P/N 394010	1
7	KFFZZ	08645	27917	...PIN,THROTTLE STOP	1
8	XBFZZ	08645	93043	...STOP,THROTTLE	1
9	XBFZZ	08645	211712	...NEEDLE VALVE,IDLE ADJUSTMENT PART OF P/N 394010	1
* 10	KFFZZ	08645	292681	...SCREW	1
11	XBFZZ	08645	93499	...VALVE,THROTTLE	1
12	XBFZZ	08645	222972	...LEVER SHAFT, THROTTLE	1
13	XBFZZ	08645	393827	...BODY,UPPER CARBURETOR	1
14	XBFZZ	08645	99634	....BUSHING,THROTTLE SHAFT	1
15	XBFZZ	08645	23230	..SCREW	4
16	XBOZZ	08645	93347	..SCREW,CHOKE LEVER	1
17	XBOZZ	08645	23270	..SPRING,CHOKE LEVER	1
18	XBOZZ	08645	26229	..WASHER,CHOKE LEVER	1
19	XBOZZ	08645	220899	..SHAFT AND LEVER	1
20	XBFZZ	08645	294874	..VALVE,CHOKE	1
21	XBFZZ	08645	220897	..NOZZLE,CARBURETOR PART OF KIT P/N 394010	1
22	KFFZZ	08645	231216	..NEEDLE VALVE ASSEMBLY PART OF KIT P/N 394010	1
23	KFFZZ	08645	393960	..VALVE,NEEDLE	1
24	XBFZZ	08645	292088	..PACKING,NEEDLE VALVE	1
25	XBFZZ	08645	280203	..WASHER,NEEDLE VALVE	1
26	XBFZZ	08645	22032	..SPRING,NEEDLE VALVE	1
27	XBFZZ	08645	261357	..PIN,HINGE,FLOAT PART OF KIT P/N 394010	1
28	KFFZZ	08645	23144	..FLOAT,CARBURETOR	1
29	XBFZZ	08645	293477	..VENTURI,CARBURETOR	1
30	XBFZZ	08645	210811	..GASKET,VENTURI PART OF KIT P/N 394010	1
31	KFFZZ	08645	27840	..VALVE AND SEAT, FUEL INLET,INCLUDES GASKET,P/N 68877,FSCM (08645) PART OF KIT P/N 394010	1
32	KFFZZ	08645	293478	...GASKET,VALVE SEAT PART OF KIT P/N 394010	1
33	KFFZZ	08645	68877	..LOWER BODY ASSEMBLY CARBURETOR	1
34	XBFFF	08645	393979	...PLUG WELCH	1
35	XBFZZ	92878	HP2-4926		

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
D	PAFZF	08645	394010	KIT,CARBURETOR OVERHAUL	1
				GASKET, (1) — 5-7	
				NEEDLE VALVE, (1) — 5-10	
				NOZZLE, (1) — 5-22	
				NEEDLE VALVE (1) — 5-23	
				PIN, (1) — 5-28	
				GASKET, (1) — 5-31	
				INLET, (1) — 5-32	
				GASKET, (1) — 5-33	
				END OF FIGURE	

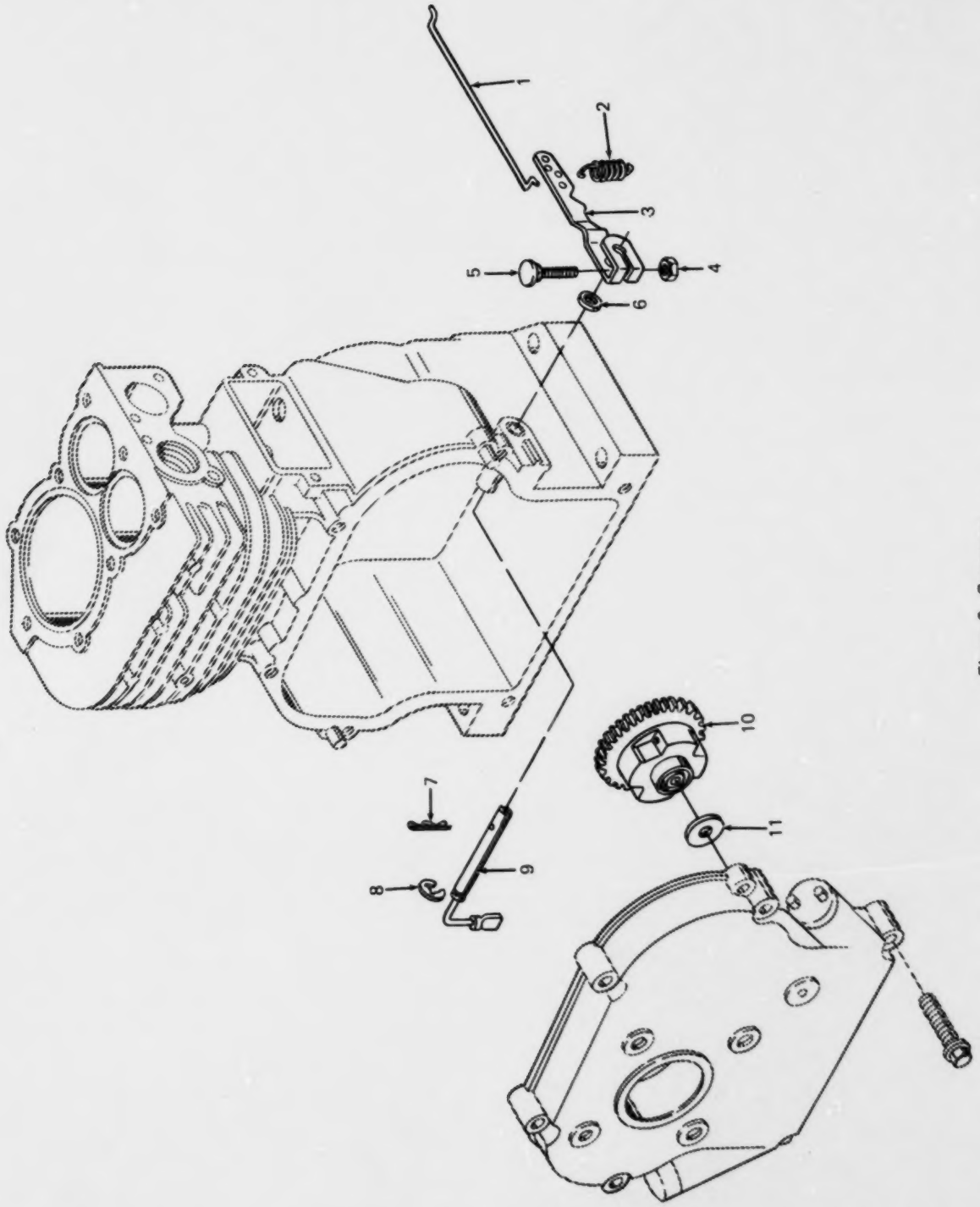


Figure 6. Governor

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 ENGINE ASSEMBLY	
				FIG. 6 GOVERNOR	
				LINK,GOVERNOR	1
1	XBOZZ	08645	261589	SPRING,GOVERNOR	1
2	XBOZZ	08645	261126	LEVER ASSY,GOVERNOR	1
3	XBOZZ	08645	393920	.NUT,PLAIN,HEXAGON	1
4	XBOZZ	08645	231082	.BOLT,GOVERNOR LEVER	1
5	XBOZZ	08645	92613	WASHER,GOV LEVER	1
6	XBOZZ	08645	222450	PIN,COTTER	1
7	XBFZZ	08645	93306	RETAINER,E-RING	1
8	XBFZZ	08645	93307	CRANK,GOVERNOR	1
9	XBFZZ	08645	231077	GEAR,GOVERNOR	1
10	XBFZZ	08645	391737	WASHER,THRUST	1
11	XBFZZ	08635	221551		
				END OF FIGURE	

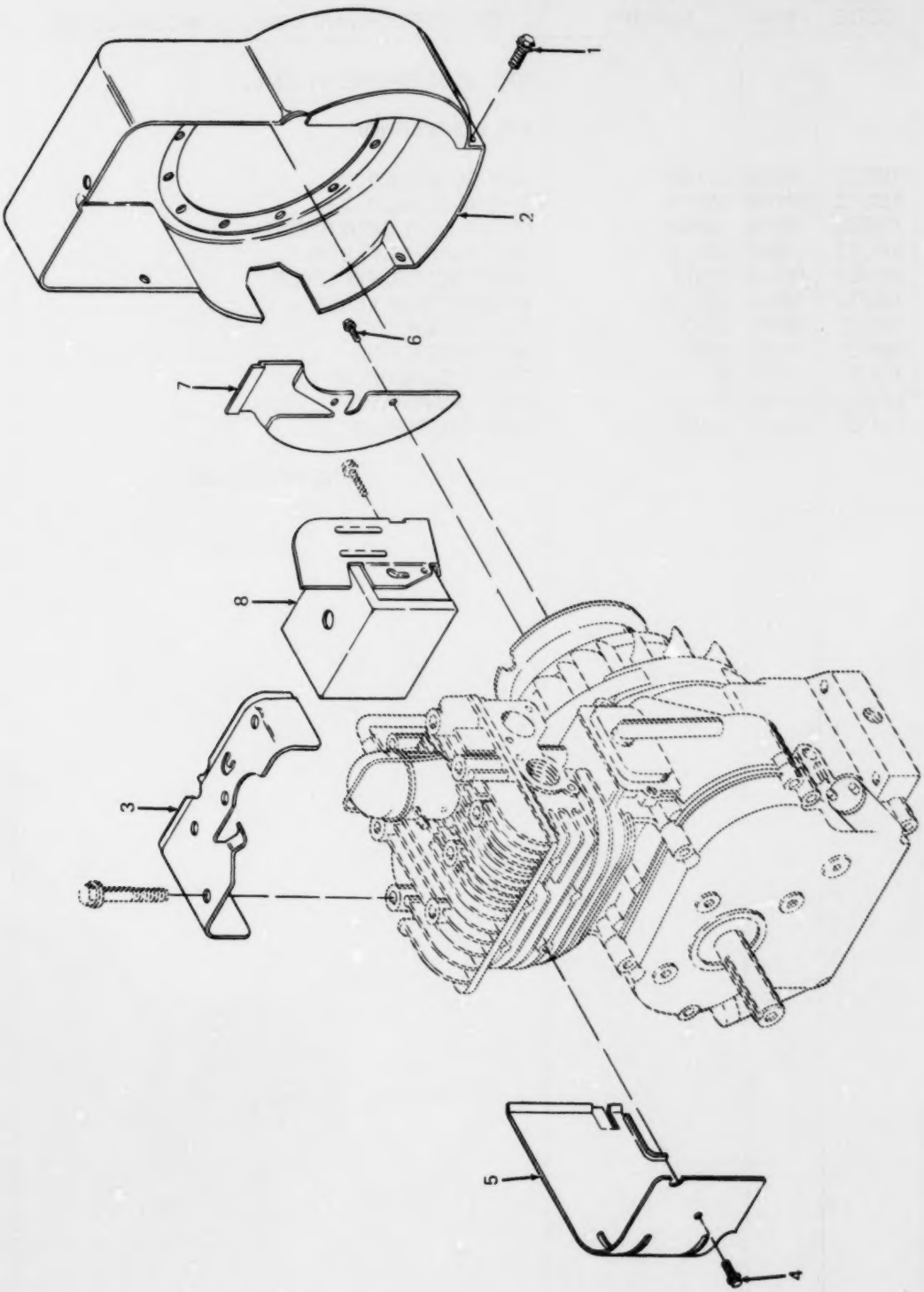


Figure 7. Blower Housing

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 ENGINE ASSEMBLY	
				FIG. 7 BLOWER HOUSING	
				SCREW,CAP,HEX HD	4
1	PAOZZ	08645	93158	HOUSING,BLOWER	1
2	XBOZZ	08645	299410	COVER,CYL HEAD	1
3	XBOZZ	08645	221512	SCREW,ASSEMBLED WASHER,CYL SHLD	1
4	PAOZZ	08645	93042	SHIELD,CYL	1
5	XBOZZ	08645	221511	SCREW,ASSEMBLED WASHER	2
6	XBFZZ	08645	93705	GUARD,FLYWHEEL	1
7	XBFZZ	08645	222443	BOX,EMI	1
8	XBFZZ	92878	2-HP2-4882		
				END OF FIGURE	

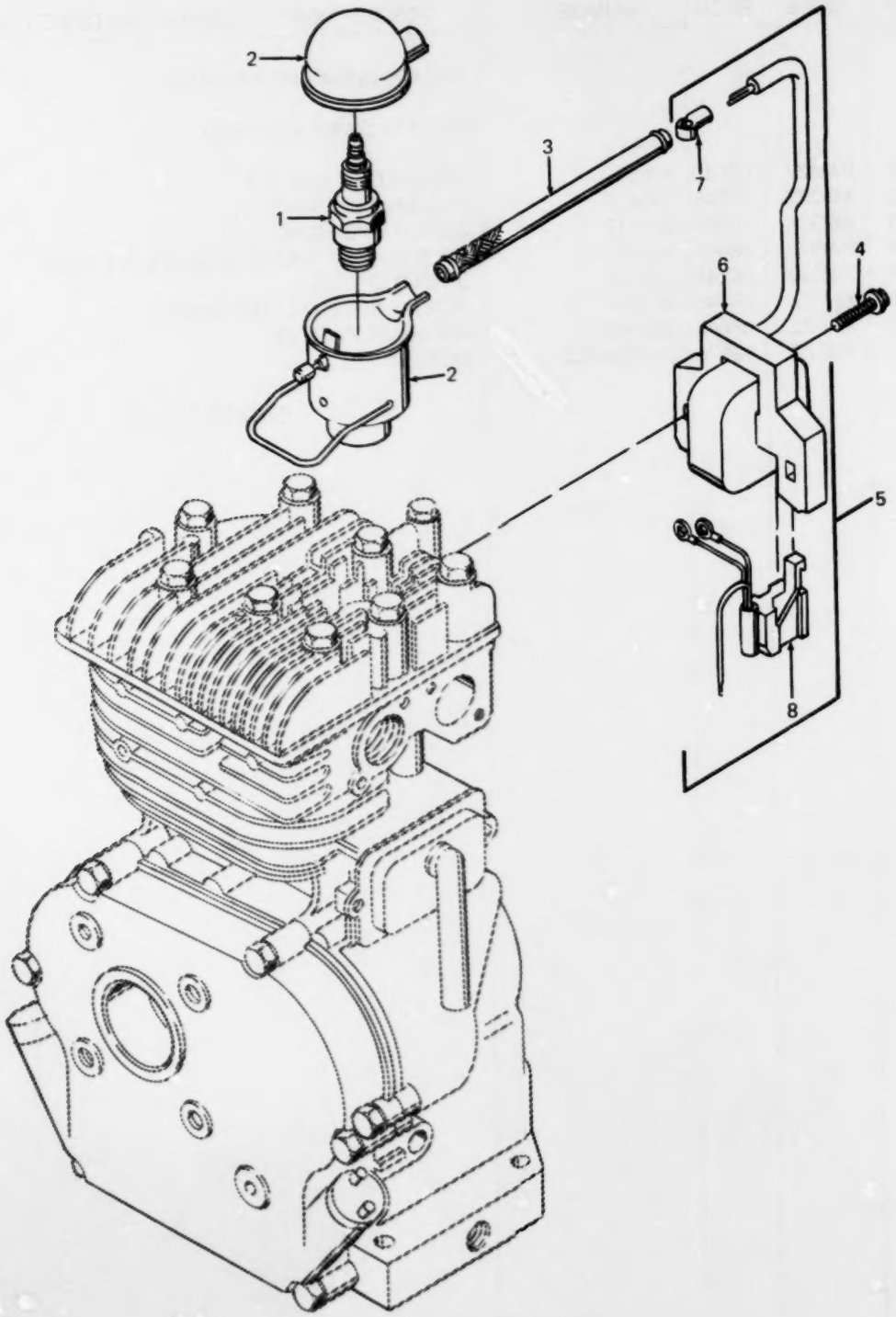


Figure 8. Spark Plug and Ignition

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 ENGINE ASSEMBLY	
				FIG. 8 SPARK PLUG AND IGNITION	
				PLUG,SPARK	1
1	PAOZZ	11583	RJ12	SHIELD,SPARK PLUG	1
2	XBOZZ	08645	291630	SHIELDING,IGNITION CABLE	1
3	XBFZZ	08645	298529	SCREW	2
4	XBFZZ	08645	93414	ARMATURE,IGNITION	1
* 5	PAFZZ	08645	397358	.ARMATURE ASSY, IGNITION	1
6	PAFZZ	08645	395490	.TERMINAL	1
7	PAOZZ	08645	221798	.TRIGGER,MAGNETO COIL	1
8	PAFZZ	08645	394970		
				END OF FIGURE	

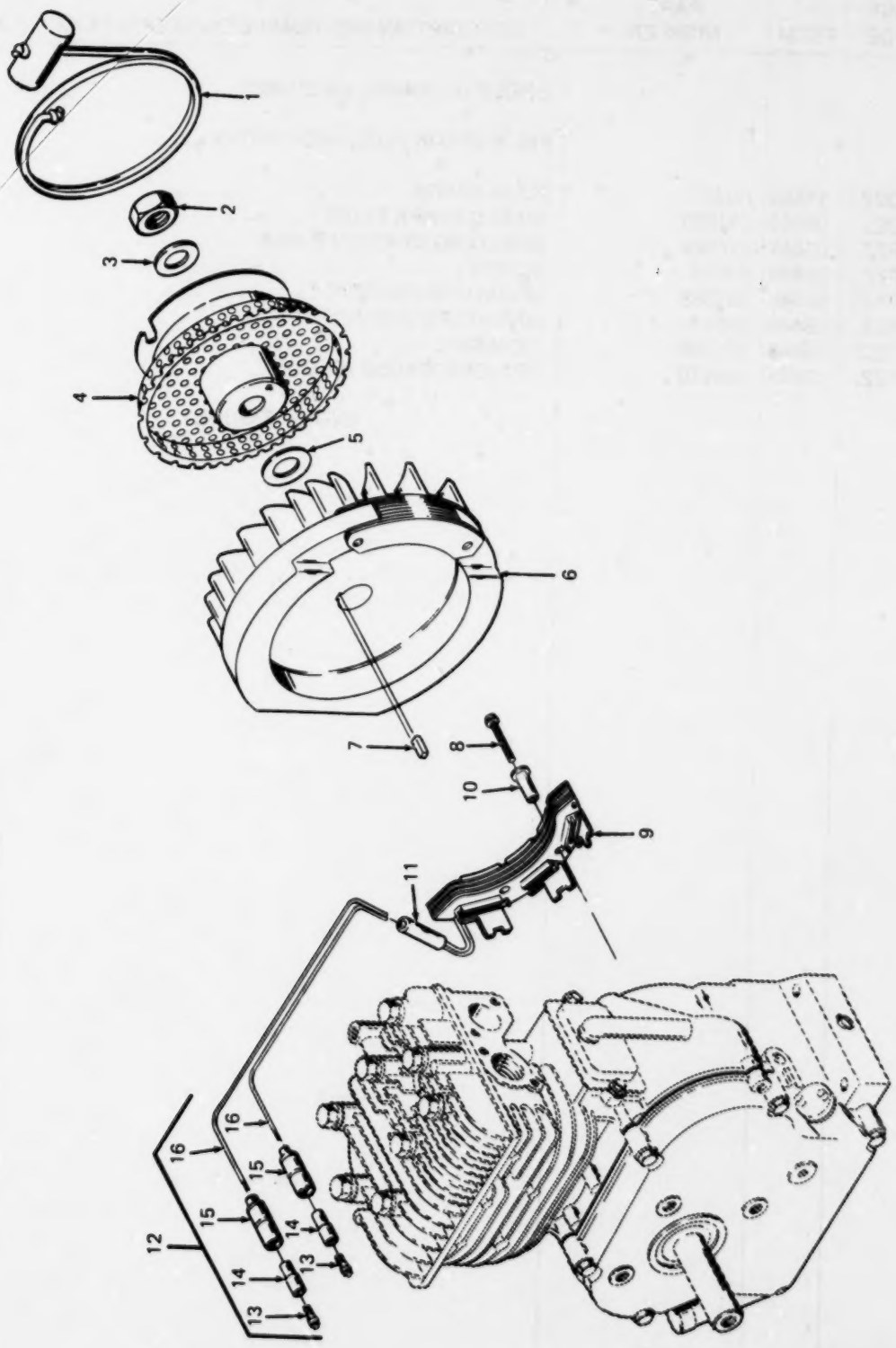


Figure 9. Flywheel

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 ENGINE ASSEMBLY	
				FIG. 9 FLYWHEEL	
1	PAOZZ	08645	69932	STARTER ROPE,ENGINE	1
2	XBFZZ	08645	92284	NUT,PLAIN,HEXAGON FLYWHEEL	1
3	XBFZZ	18876	10608076-5	WASHER,FLAT FLYWHEEL	1
4	XBFZZ	08645	299421	PULLEY STARTER,WITH SCREEN	1
5	XBFZZ	18876	10608076-5	WASHER,FLAT,SPRING	1
6	XBFZZ	08645	297229	FLYWHEEL,MAGNETO	1
7	PAFZZ	08645	222698	KEY,FLYWHEEL, IGNITION SYS	1
8	XBFZZ	08645	93639	SCREW,STATOR MTG	2
9	XBFZZ	08645	394173	STATOR,ALTERNATOR	1
10	XBFZZ	08645	23970	.BUSHING,NYLON	2
11	PAOZZ	81349	M7928/5-3	.SPLICE,CONDUCTOR	1
* 12	MOOOO	92878	HP2-4581	WIRE ASSEMBLY	1
13	PAOZZ	77060	2969608	.NIPPLE,CABLE,ELEC	2
14	PAOZZ	19207	8338562	.INSULATOR,BUSHING	2
15	PAOZZ	96906	MS27148-2	.CONTACT,ELECTRICAL,MALE,SINGLE	2
16	MOOZZ	81349	M13486-1-5-30 IN	.WIRE,ELEC,30 IN. MAKE FROM BULK WIRE,P/N M13486-1-5,FSCM 81349,30 IN.REQ'D	2
				END OF FIGURE	

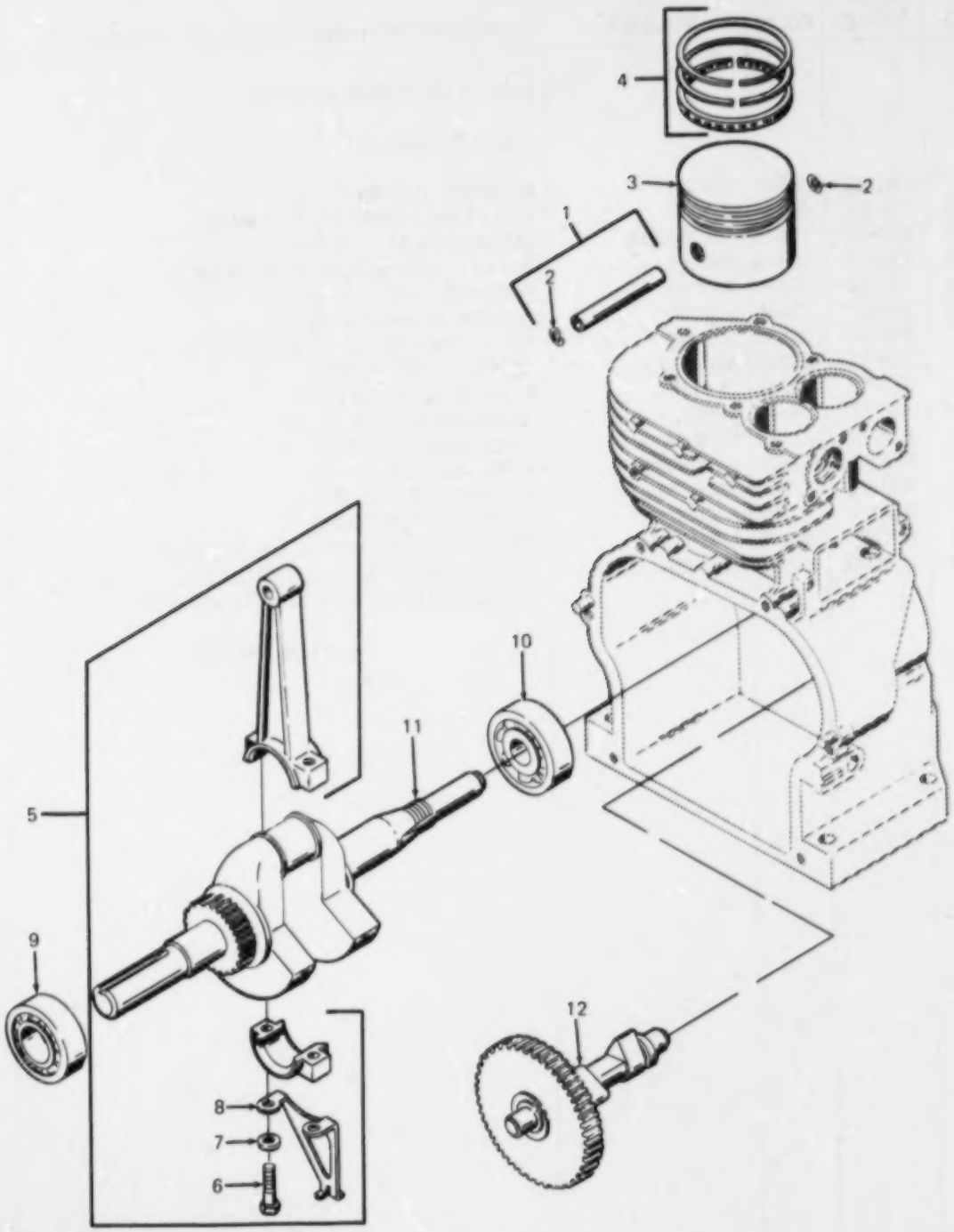


Figure 10. Piston Assembly, Rod Assembly, Bearings, and Crankshaft

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 ENGINE ASSEMBLY	
				FIG. 10 PISTON ASSEMBLY, ROD ASSEMBLY, BEARINGS, AND CRANKSHAFT	
				PIN,PISTON ASSY	1
1	XBFZZ	08645	298909	.RING,RETAINING,PISTON PIN	2
2	XBFZZ	08645	26026	PISTON ASSY	1
3	XBFZZ	08645	393819	.RING SET, PISTON	1
4	XBFZZ	08645	393835	ROD ASSY,CONNECTING	1
5	XBFZZ	08645	299430	.BOLT,MACHINE,CONNECTING ROD	2
6	XBFZZ	08645	92296	.WASHER,PLAIN	2
7	XBFZZ	08645	222282	.DIPPER,CONNECTING ROD	1
8	XBFZZ	08645	221890	BEARING,BALL	1
9	XBFZZ	08645	99158	BEARING,BALL	1
10	XBFZZ	08645	99157	CRANKSHAFT	1
11	XBFZZ	08645	393596	GEAR,CAM	1
12	XBFZZ	08645	211117		
				END OF FIGURE	

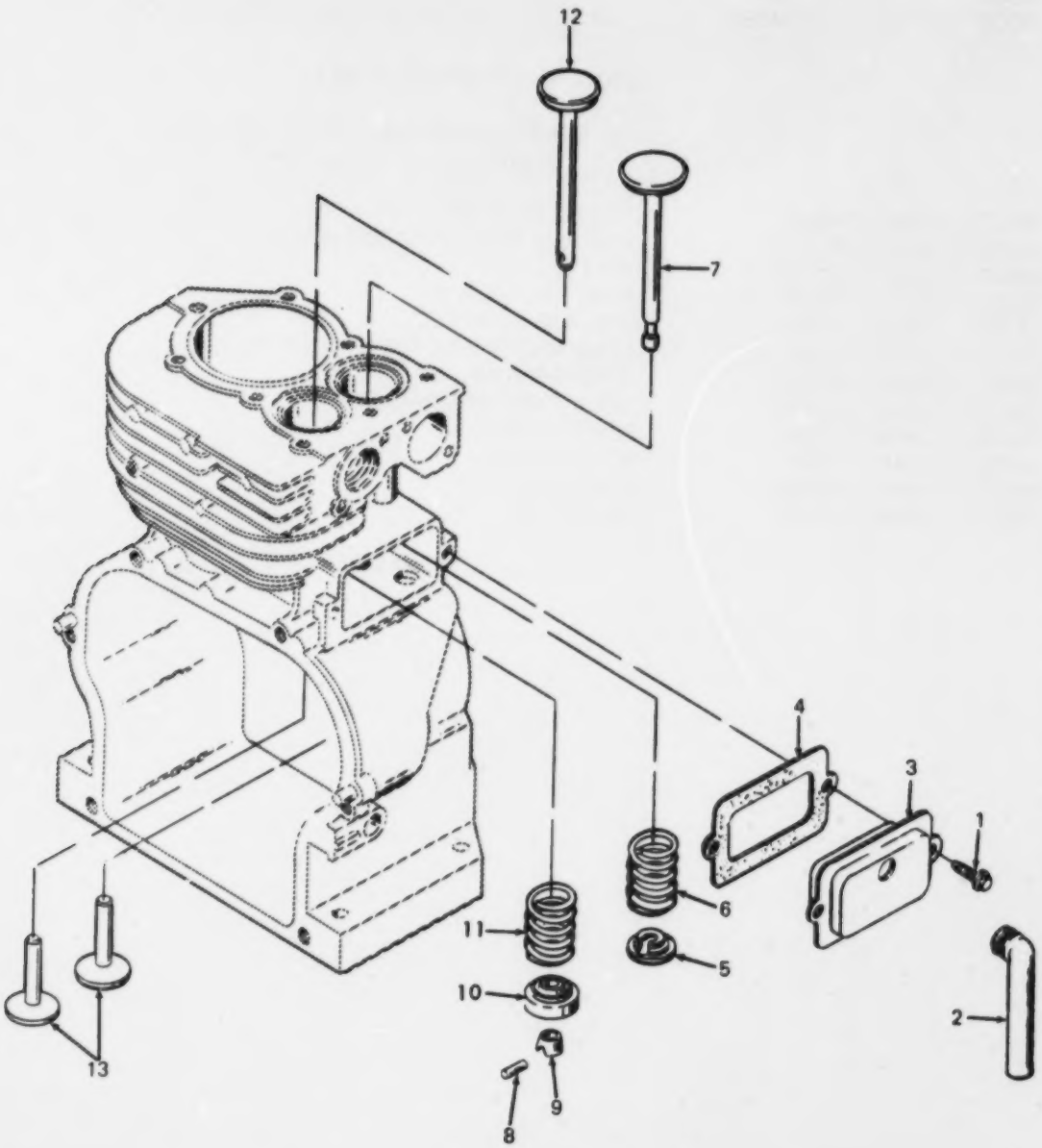


Figure 11. Breather, Valves, and Tappets

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 ENGINE ASSEMBLY	
				FIG. 11 BREATHER, VALVES, AND TAPPETS	
				SCREW,ASSEMBLED WASHER,BREATHER MTG	2
1	PAOZZ	08645	93394	HOSE,PREFORMED,BREATHER TUBE	1
2	PAOZZ	08645	66638	BREATHER,VALVE CHAMBER	1
3	PAOZZ	08645	294178	GASKET,VALVE COVER	1
4	PAOZZ	08645	27549	LOCK,SPRING,VALVE,INTAKE	1
5	XBFZZ	08645	93312	SPRING,HELI,COMP,INTAKE VALVE	1
6	XBFZZ	08645	260552	VALVE,INTAKE	1
7	XBFFF	08645	261044	PIN,STRAIGHT,HEADLESS	1
8	XBFZZ	08645	230126	RETAINER,ROTOCAP	1
9	XBFZZ	08645	230127	ROTOCAP,ENGINE,EXHAUST VALVE	1
10	XBFZZ	08645	292259	SPRING,HELI,COMP,EXHAUST VALVE	1
11	XBFZZ	08645	26826	VALVE,EXHAUST	1
12	XBFFF	08645	260860	TAPPET,VALVE	2
13	XBFZZ	08645	260642		
				END OF FIGURE	

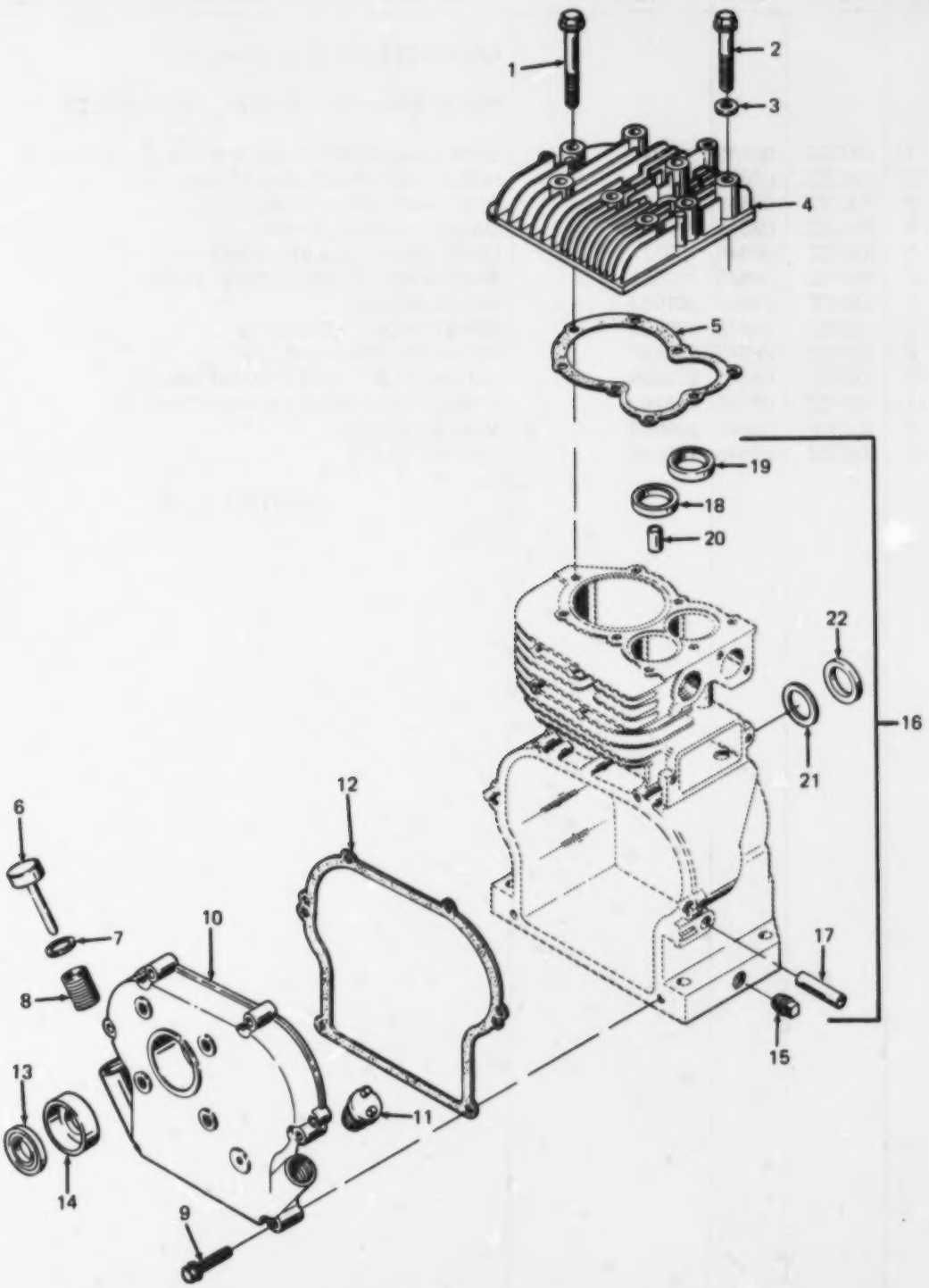


Figure 12. Cylinder Head, Crankcase Cover Assembly, and Cylinder Assembly

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 03 ENGINE ASSEMBLY	
				FIG. 12 CYLINDER HEAD, CRANKCASE, COVER ASSEMBLY, AND CYLINDER ASSEMBLY	
1	XBOZZ	08645	93369	SCREW,CYL HD, $2\frac{15}{32}$ IN. LG	3
2	XBOZZ	08645	93368	SCREW,CYL HEAD, $2\frac{3}{32}$ IN. LG	5
3	XBOZZ	08645	22963	WASHER,FLAT	5
4	XBOZZ	08645	211542	HEAD,CYLINDER	1
5	PAOZZ	08645	270383	GASKET,CYL HEAD, PART OF GASKET SET P/N 297615	1
6	XBOZZ	08645	297357	CAP,OIL FILLER	1
7	PAOZZ	08645	65304	WASHER,FLAT	1
8	XBOZZ	08645	91258	NIPPLE,OIL FILLER	1
9	XBFZZ	08645	93032	SCREW,CRKC COVER	6
10	XBFFF	08645	298204	COVER ASSY, CRKC	1
11	XBOZZ	08645	66768	.PLUG,OIL FILLER	1
12	KFFZZ	08645	270126	GASKET,CRKC,0.009 IN.THK PART OF GASKET SET P/N 297615	1
13	PAFZZ	08645	393812	PACKING ASSY,OIL	1
14	XBFZZ	08645	297603	BUSHING,CRKC	1
15	XBOZZ	08645	91249	PLUG,PIPE	1
16	XBHHH	08645	393839	CYLINDER ASSY	1
17	XBHZZ	08645	231079	.BUSHING,CYL ASSY, GOVNR CRKC	1
18	XBHHH	08645	211436	.SEAT,EXHAUST VALVE	1
19	XBHHH	08645	211787	.SEAT,INTAKE VALVE	1
20	XBHZZ	08645	63709	.GUIDE,EXHAUST VALVE	1
21	XBHZZ	08645	299819	.SEAL,OIL	1
22	XBHZZ	08645	297565	.BUSHING,CYLINDER	1
	PAFZH	08645	297615	GASKET SET GASKET,CYL HEAD (1) 12-5 GASKET,CRKC (1) 12-12	
				END OF FIGURE	

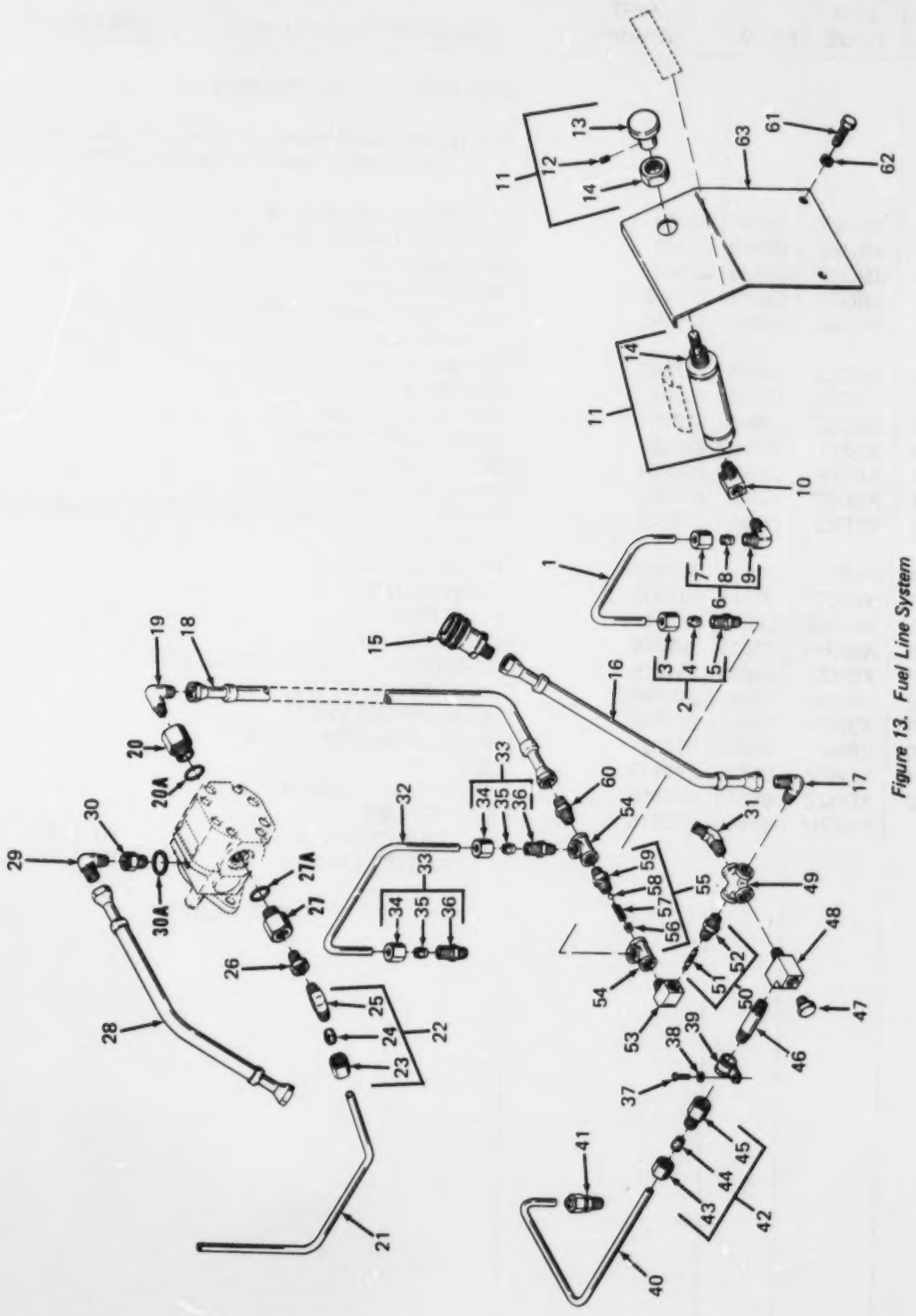


Figure 13. Fuel Line System

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 04 FUEL SYSTEM	
				FIG. 13 FUEL LINE SYSTEM	
					1
1	XBOZZ	92878	HP2-4793	TUBE, PRIMER	1
2	PAOZZ	96906	MS51819-3	ADAPTER,STRAIGHT	1
3	XAOZZ	96906	MS51823-3	.NUT,TUBE	1
4	XAOZZ	96906	MS51925-3	.RING,DEE,CLINCH	1
5	XAOZZ	96906	MS51819-3	.ADAPTER,STRAIGHT	1
6	PAOZZ	96906	MS51815-3	ELBOW,PIPE TO TUBE	1
7	XAOZZ	96906	MS51823-3	.NUT,TUBE	1
8	XAOZZ	96906	MS51825-3	.SLEEVE,CLINCH	1
9	XAOZZ	96906	MS51815-33	.BODY,ADAPTER	1
10	PAOZZ	07334	A0563	ELBOW,PIPE	1
11	XBOZZ	92878	1-HP2-4593	PUMP ASSY,PRIMER	1
12	PAOZZ	96906	MS51021-58	.SETSCREW,HEX SOCKET,CUP POINT	1
13	XBOZZ	92878	HP2-4594	.KNOB,PUMP,PRIMER	1
14	XBOZZ	92878	HP2-4591	.CYLINDER,AIR	1
15	PAOZZ	73992	3000-43	COUPLING HALF,QUICK	1
16	PAOZZ	92878	HP2-4561-03	HOSE ASSEMBLY,FUEL	1
17	PAOZZ	96906	MS39162-2	ELBOW,PIPE TO TUBE	1
18	PAOZZ	92878	HP2-4561-03	HOSE ASSEMBLY,METAL	1
19	PAOZZ	79470	49X4X4	ELBOW,PIPE TO TUBE	1
20	PAOZZ	30780	6¼F50G-B	ADAPTER,STRAIGHT	1
20A	PAOZZ	96906	MS29512-06	PACKING,PREFORMED	1
21	XBOZZ	92878	HP2-4792	TUBE,FUEL	2
22	PAOZZ	96906	MS51815-3	ELBOW,PIPE TO TUBE	2
23	XAOZZ	96906	MS51823-3	.NUT,TUBE	2
24	XAOZZ	96906	MS51825-3	.SLEEVE,CLINCH	2
25	XAOZZ	96906	MS51815-33	.BODY,ADAPTER	1
26	PAOZZ	89346	112877	BUSHING,PIPE	1
27	PAOZZ	30780	6¼F50G-B	ADAPTER,STRAIGHT	1
27A	PAOZZ	96906	MS29512-06	PACKING,PREFORMED	1
28	PAOZZ	92878	HP2-4561-03	HOSE ASSEMBLY,FUEL	1
29	PAOZZ	96906	MS39162-2	ELBOW,PIPE TO TUBE	1
30	PAOZZ	98660	R1100-4	ADAPTER	1
30A	PAOZZ	96906	MS29512-04	PACKING,PREFORMED	1
31	PAOZZ	30327	54F1-4X1-8	ELBOW,PIPE TO TUBE, 45 DEGREES	1
32	XBOZZ	92878	HP2-4794	TUBE,FUEL	2
33	PAOZZ	96906	MS51819-3	ADAPTER,STRAIGHT	2
34	XAOZZ	96906	MS51823-3	.NUT,TUBE	2
35	XAOZZ	96906	MS51825-3	.SLEEVE,CLINCH	2
36	XAOZZ	96906	MS51819-3	.ADAPTER,STRAIGHT	1
37	PAOZZ	96906	MS35206-261	SCREW,MACH,PAN HD	1
38	PAOZZ	96906	MS35333-39	WASHER,LOCK,INTERNAL TOOTH	1
39	PAOZZ	96906	MS21919WDG8	CLAMP,LOOP	1
40	XBOZZ	92878	HP2-4795	TUBE,FUEL	1
41	PAOZZ	92878	HP2-4373	VALVE,CHECK,INCL SLEEVE AND NUT	1
42	PAOZZ	96906	MS51816-3	ADAPTER,STRAIGHT	

SECTION II

	(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
	43	XAOZZ	96906	MS51823-3	.NUT,TUBE	1
	44	XAOZZ	96906	MS51825-3	.SLEEVE,CLINCH	1
	45	XAOZZ	96906	MS51816-23	.ADAPTER,STRAIGHT	1
	46	PAOZZ	96906	MS51846-9	NIPPLE,PIPE,LONG	1
	47	PAOZZ	79470	3152X2	PLUG,PIPE,HEX HD	1
	48	PAOZZ	19207	547002	TEE,PIPE	1
	49	PAOZZ	93061	2205P-2	CROSS,PIPE,1/8 IN.	1
*	50	PAOZZ	92878	1-HP2-4967	VALVE,CHECK	1
*	51	XAOZZ	17875	202VV	.VALVE,PUMP	2
	52	XAOZZ	92878	HP2-4360	.BODY,VALVE,CHECK	2
	53	PAOZZ	07334	A0563	ELBOW,PIPE	1
*	54	PAOZZ	79470	3700X2	TEE,PIPE TO TUBE	2
	55	PAOZZ	92878	1-HP2-4902	VALVE,CHECK	1
	56	XAOZZ	92878	HP2-4904	.RETAINER,SPRING	1
	57	XAOZZ	92878	HP2-4831-4	.SPRING	1
	58	XAOZZ	92878	HP2-4905	.BALL,5/32 IN.DIA.	1
	59	XAOZZ	92878	HP2-4903	.BODY,BALL CHECK	1
	60	PAOZZ	96906	MS39158-3	ADAPTER,STRAIGHT	1
	61	PAOZZ	96906	MS90725-3	SCREW,CAP,HEX HD	2
	62	PAOZZ	96906	MS35338-44	WASHER,LOCK	2
	63	XBOZZ	92878	HP2-4763	PLATE,BRACKET	1
					END OF FIGURE	

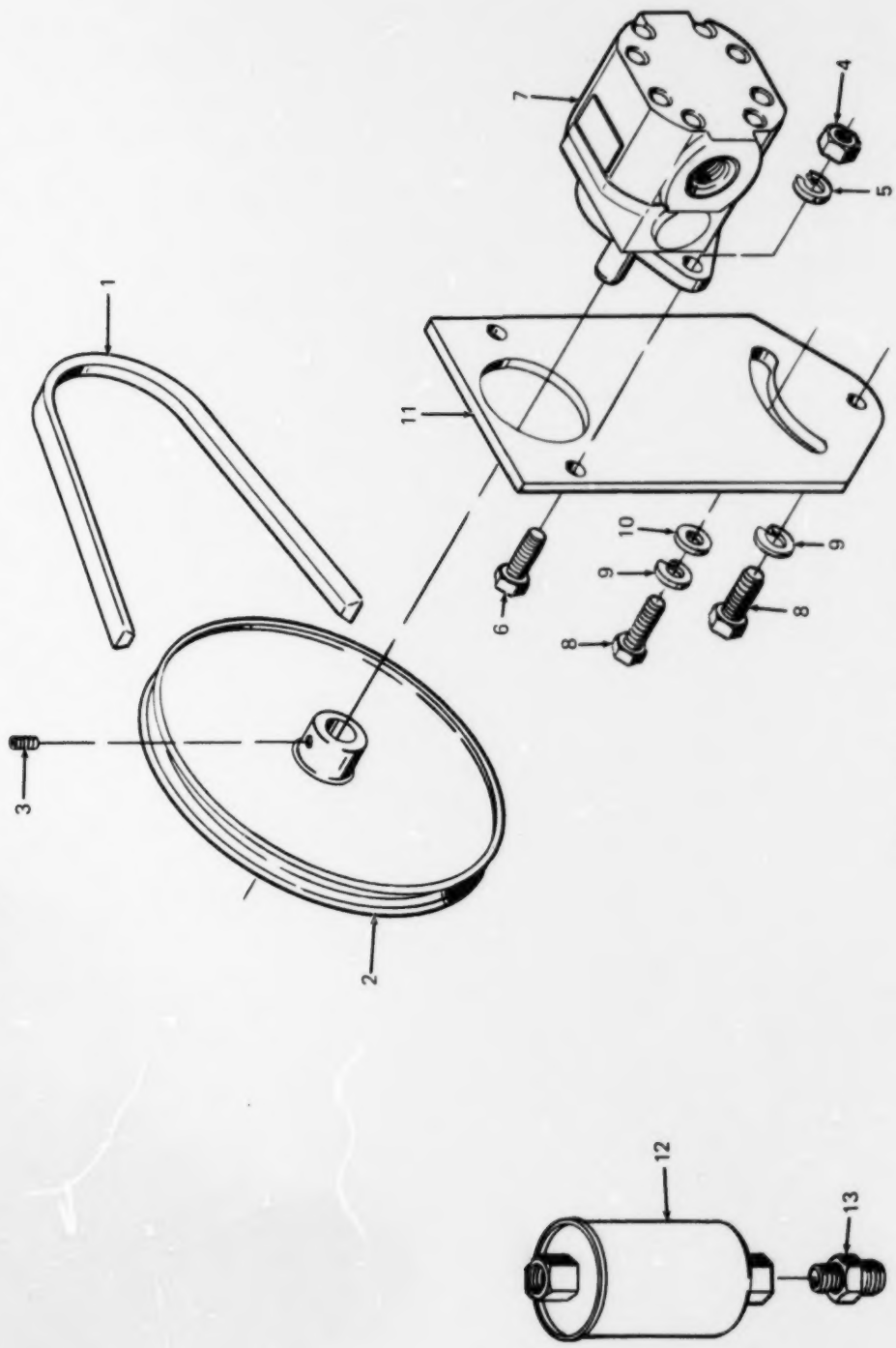


Figure 14. Fuel Pump and Fuel Filter

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 04 FUEL SYSTEM	
				FIG. 14 FUEL PUMP AND FUEL FILTER	
				BELT,V	1
1	PAOZZ	24161	44	PULLEY,FUEL PUMP	1
2	XBOZZ	71176	AS64(TYPE 2)	.SETSCREW,CUP POINT	1
3	PAOZZ	96906	MS51021-69	NUT,PLAIN,HEXAGON	2
4	PAOZZ	96906	MS51967-8	WASHER,LOCK	2
5	PAOZZ	96906	MS35338-46	SCREW,CAP,HEX HD	2
6	PAOZZ	96906	MS18154-60	PUMP,FUEL,CAM ACTUATOR	1
7	PAOZZ	92878	HP2-4601	SCREW,CAP,HEX HD	2
8	PAOZZ	96906	MS18154-60	WASHER,LOCK	2
9	PAOZZ	96906	MS35338-46	WASHER,FLAT	1
10	PAOZZ	96906	MS27183-14	BRACKET,FUEL PUMP	1
11	XBOZZ	92878	HP2-4456	FILTER,GASOLINE	1
* 12	PAOZZ	70040	GF-90 STYLE 82	REDUCER,PIPE	1
13	PAOZZ	79470	3325X4X2		
				END OF FIGURE	

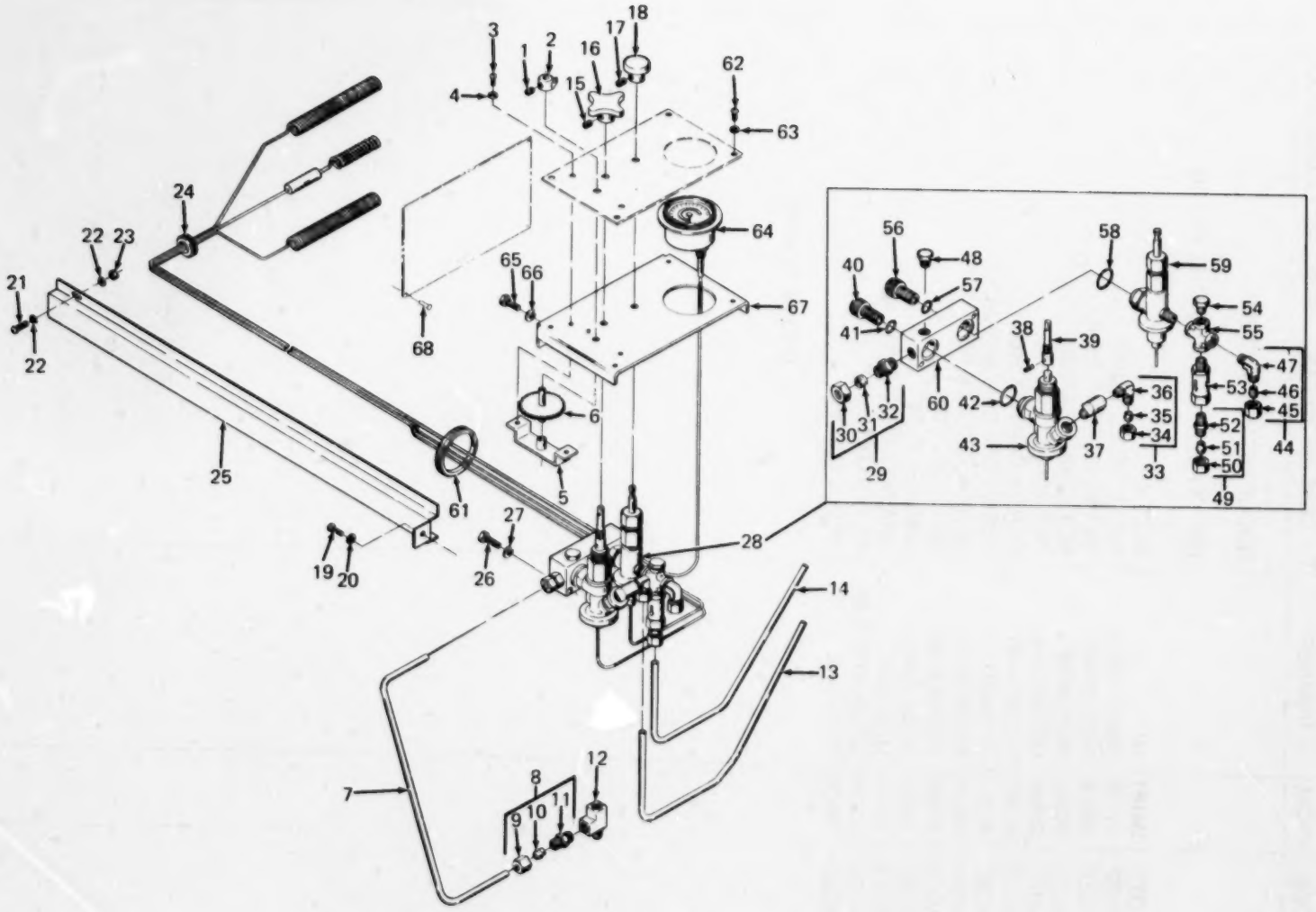


Figure 15. Controls and Instruments

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 05 CONTROLS AND INSTRUMENTS	
				FIG. 15 CONTROLS AND INSTRUMENTS	
1	PAOZZ	96906	MS51021-56	SETSCREW,CUP POINT	1
2	XBOZZ	92878	8227068-3	KNOB,TEMPERATURE INDICATOR	1
3	PAOZZ	96906	MS35206-261	SCREW,MACH,PAN HD	2
4	PAOZZ	96906	MS35333-39	WASHER,LOCK, INTERNAL TOOTH	2
5	XBOZZ	92878	2-HP2-4753	BRACKET	1
6	XBOZZ	92878	8227242-10	GEAR	1
7	XBOZZ	92878	HP2-4791	TUBE,FUEL	1
8	PAOZZ	96906	MS51819-5	ADAPTER,STRAIGHT PIPE TO TUBE	1
9	XAOZZ	96906	MS51823-5	.NUT,TUBE COUPLING	1
10	XAOZZ	96906	MS51825-5	.SLEEVE,CLINCH	1
11	XAOZZ	96906	MS51819-35	.BODY,ADAPTER	1
12	PAOZZ	79470	1/4NPT3579X4	TEE,PIPE	1
13	XBOZZ	92878	HP2-4797	TUBE,FUEL	1
14	XBOZZ	92878	HP2-4796	TUBE,FUEL	1
15	PAOZZ	96906	MS51021-56	SETSCREW,CUP POINT	1
16	XBOZZ	92878	8227070-03	HANDLE	1
17	PAOZZ	96906	MS51021-56	SETSCREW,CUP POINT	1
18	XBOZZ	92878	8227069-03	KNOB,BURNER CONTROL	1
19	PAOZZ	96906	MS35206-261	SCREW,MACH,PAN HD	1
20	PAOZZ	96906	MS35333-39	WASHER,LOCK,INTERNAL TOOTH	2
21	PAOZZ	96906	MS35206-263	SCREW,MACH,PAN HD	4
22	PAOZZ	96906	MS27183-8	WASHER,FLAT	2
23	PAOZZ	96906	MS17829-3C	NUT,SELF-LOCKING	1
24	PAOZZ	96906	MS35489-11	GROMMET,NONMETALLIC	1
25	XBOZZ	92878	HP2-4816	SHIELD,CAPILLARY	2
26	PAOZZ	96906	MS90725-8	SCREW,CAP,HEX HD	2
27	PAOZZ	96906	MS35338-44	WASHER,LOCK	1
28	XBOZZ	92878	1-HP2-4799	VALVE BLOCK ASSY	1
29	PAOZZ	96906	MS51819-3	.ADAPTER,STRAIGHT	1
30	XAOZZ	96906	MS51823-3	..NUT,TUBE	1
31	XAOZZ	96906	MS51825-3	..SLEEVE,CLINCH	1
32	XAOZZ	96906	MS51819-3	..ADAPTER,STRAIGHT	1
33	PAOZZ	96906	MS51815-3	.ELBOW,PIPE TO TUBE	1
34	XAOZZ	96906	MS51823-3	..NUT,TUBE	1
35	XAOZZ	96906	MS51825-3	..SLEEVE,CLINCH	1
36	XAOZZ	96906	MS51815-33	..BODY,ADAPTER	1
37	PAOZZ	07334	A0563	.ELBOW,PIPE	1
38	PAOZZ	96906	MS16562-211	.PIN,SPRING	1
39	XBOZZ	92878	8227086-01	.STEM,VALVE	1
40	XBOZZ	92878	8227204-01	.BOLT,FLUID PASSAGE	1
41	PAOZZ	96906	MS29513-112	.PACKING,PREFORMED	1
42	PAOZZ	96906	MS29513-016	.PACKING,PREFORMED	1
43	PAOZZ	81997	501L	.VALVE,TEMPERATURE, SELECTOR	1
44	PAOZZ	96906	MS51815-3	.ELBOW,PIPE TO TUBE	2
45	XAOZZ	96906	MS51823-3	..NUT,TUBE	2
46	XAOZZ	96906	MS51825-3	..SLEEVE,CLINCH	2
47	XAOZZ	96906	MS51815-33	..BODY,ADAPTER	2

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
48	PAOZZ	79470	3152X2	.PLUG,PIPE	1
49	PAOZZ	96906	MS51819-3	.ADAPTER,STRAIGHT	1
50	XAOZZ	96906	MS51823-3	..NUT,TUBE	1
51	XAOZZ	96906	MS51825-3	..SLEEVE,CLINCH	1
52	XAOZZ	96906	MS51819-3	..ADAPTER,STRAIGHT	1
* 53	PAOZZ	92878	HP2-4826-2	.VALVE,CHECK	1
54	PAOZZ	79470	3152X2	.PLUG,PIPE	1
55	PAOZZ	93061	2205P-2	.CROSS,PIPE,1/8 IN	1
56	XBOZZ	92878	8227204-01	.BOLT,FLUID PASSAGE	1
57	PAOZZ	96906	MS29513-112	.PACKING,PREFORMED	1
58	PAOZZ	96906	MS29513-016	.PACKING,PREFORMED	1
59	PAOZZ	81997	302J	.VALVE,FUEL CONTROL	1
60	XBOZZ	92878	HP2-4437	.BLOCK,VALVE,CONTROL	1
61	PAOZZ	96906	MS35489-14	GROMMET,NONMETALLIC	1
62	PAOZZ	96906	MS35206-261	SCREW,MACH,PAN HD	4
63	PAOZZ	96906	MS35333-39	WASHER,LOCK INTERNAL TOOTH	4
64	PAOZZ	61349	BU-3360-H	GAGE,TEMPERATURE, DISCHARGE	1
65	PAOZZ	96906	MS90725-3	SCREW,CAP,HEX HD	2
66	PAOZZ	96906	MS35338-44	WASHER,LOCK	2
67	XBOZZ	92878	2-HP2-4751	PLATE,PANEL,CONTROL	1
68	PAOZZ	07707	AD43-BS	RIVET,BLIND,POP	4

END OF FIGURE

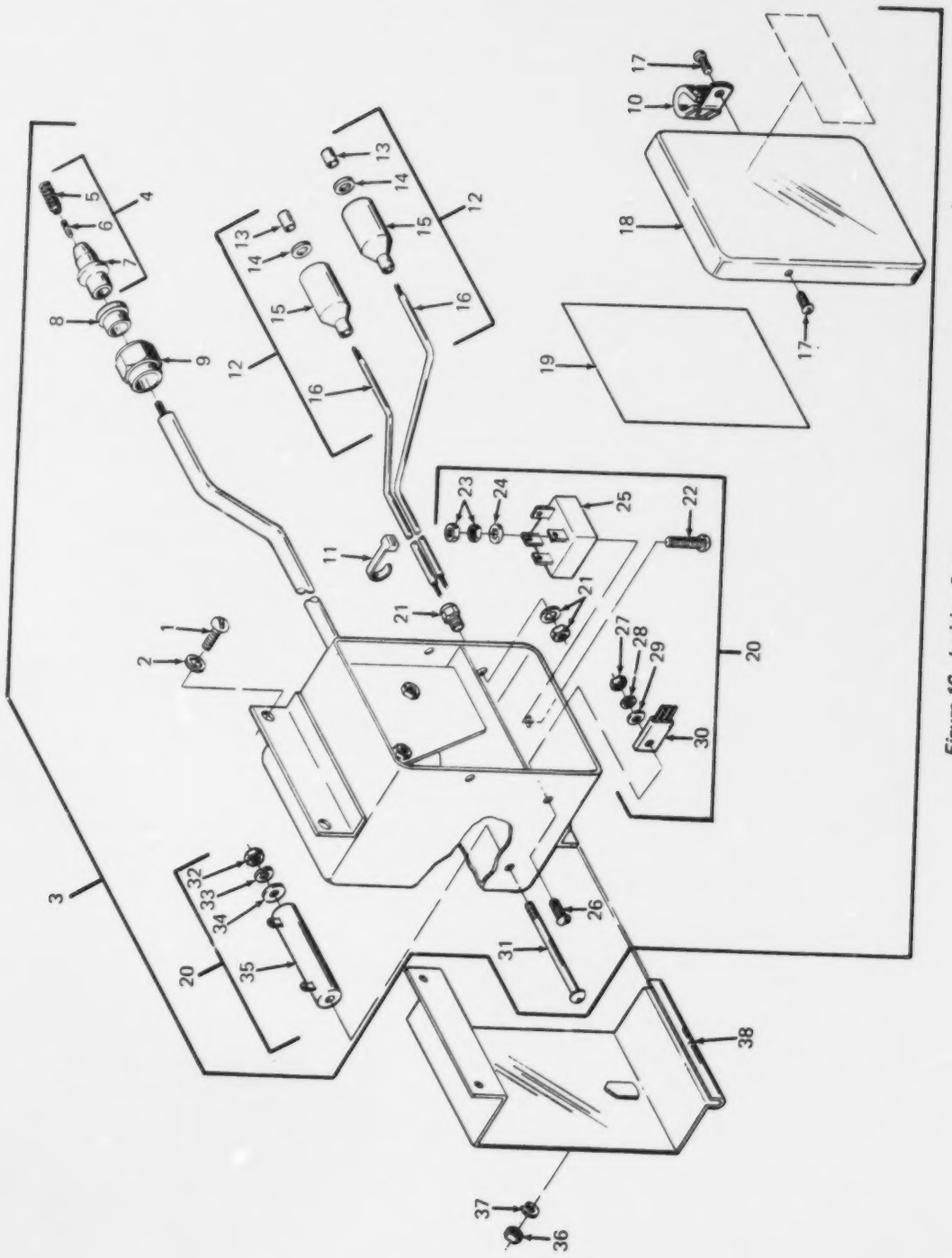


Figure 16. Ignition System

SECTION II

	(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
					GROUP 06 IGNITION SYSTEM	
					FIG. 16 IGNITION SYSTEM	
	1	PAOZZ	96906	MS35206-261	SCREW,MACH,PAN HD	2
	2	PAOZZ	96906	MS35333-39	WASHER,LOCK INTERNAL TOOTH	2
*	3	PAOFH	92878	1-HP2-4786	IGNITION ASSY	1
*	4	PAOZZ	81482	55419	.CONNECTOR ASSY	1
	5	XAOZZ	92878	5028	..SPRING	1
	6	XAOZZ	92878	7982	..STUD	1
	7	XAOZZ	92878	51218	..CONNECTOR	1
	8	XBOZZ	92878	168708	.FERRULE	1
	9	XBOZZ	92878	168707	.NUT	1
	10	PAOZZ	96906	MS21333-69	.CLAMP,LOOP	1
	11	PAOZZ	59730	TY-23M	.STRAP,TIEDOWN,ELEC	1
*	12	MOOOO	92878	30007	.HARNESS,ASSY	2
	13	PAOZZ	96906	MS27148-2	..CONTACT,ELECTRICAL	2
	14	PAOZZ	81349	QQ-P-416TYP2CL3	..WASHER,SLOTTED	2
	15	PAOZZ	96906	MS27142-2	..CONNECTOR,PLUG,ELEC	2
	16	MOOZZ	81349	M1348-1-5-14IN	..WIRE,ELECTRIC MAKE FROM BULK WIRE,P/N M13486/1-5,FSCM 81349,14 IN.REQUIRED	2
	17	PAOZZ	96906	MS24629-35	.SCREW,TAPPING	2
	18	XBOZZ	92878	49358	.COVER	1
	19	XBOZZ	92878	50896	.INSULATOR	1
*	20	XAOZZ	92878	1-HP2-4787	.MODULATOR,IGNITION ASSEMBLY,ELECTRICAL	1
	21	PAOZZ	33095	51-719-021	..FILTER,LOW PASS, SUPPRESSION ASSY	2
	22	PAOZZ	96906	MS35206-248	..SCREW,MACH,PAN HD	1
	23	PAOZZ	96906	MS35649-282	..NUT,PLAIN,HEXAGON	2
	24	PAOZZ	96906	MS35333-38	..WASHER,LOCK INTERNAL TOOTH	1
	25	PAOZZ	81343	250JB2L	..RECTIFIER,SEMICONDUCTOR	1
*	26	PAOZZ	96906	MS35206-228	..SCREW,MACHINE	2
	27	PAOZZ	96906	MS35649-2382	..NUT,PLAIN,HEXAGON	2
	28	PAOZZ	96906	MS35333-37	..WASHER,LOCK, INTERNAL TOOTH	2
	29	PAOZZ	96906	MS27183-6	..WASHER,FLAT,ROUND	2
	30	PAOZZ	04713	MJE3055	..TRANSISTOR	2
	31	PAOZZ	96906	MS35206-273	..SCREW,MACH,PAN HD	1
	32	PAOZZ	96906	MS35649-202	..NUT,PLAIN,HEX HD	1
	33	PAOZZ	96906	MS35338-43	..WASHER,LOCK	1
*	34	PAOZZ	83330	1152C	..WASHER,FLAT	1
	35	PAOZZ	44655	270-25	..RESISTOR,FIXED, 2 OHM,25 WATT	1
	36	PAOZZ	96906	MS51967-2	NUT,PLAIN,HEXAGON	2
	37	PAOZZ	96906	MS35338-44	WASHER,LOCK	2
	38	XBOZZ	92878	2-HP2-4802	BRACKET,MTG, IGNITION	1
					END OF FIGURE	

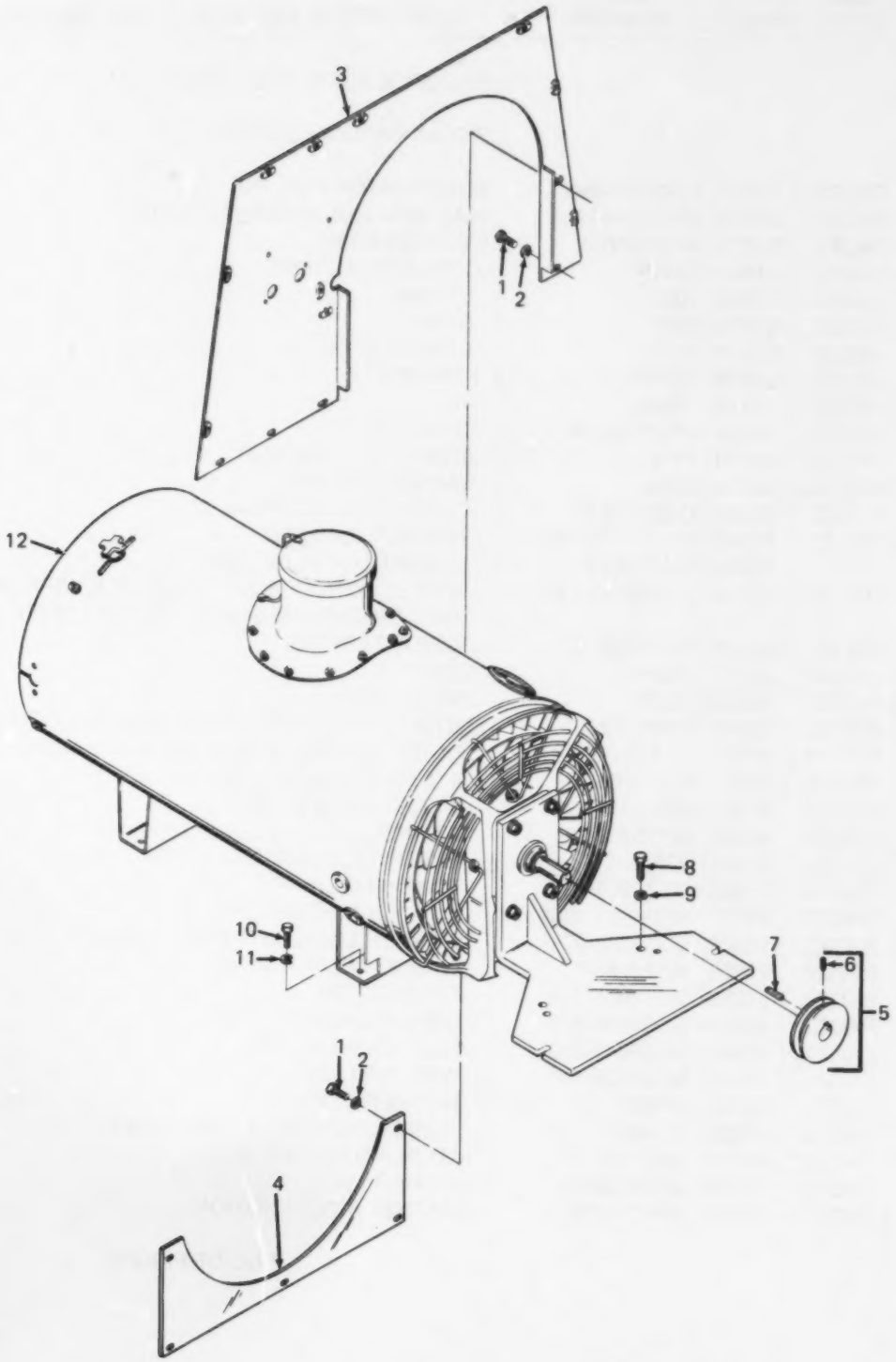


Figure 17. Air System

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 07 AIR SYSTEM	
				FIG. 17 AIR SYSTEM	
1	PAOZZ	96906	MS90725-3	SCREW,CAP,HEX HD	6
2	PAOZZ	96906	MS35338-44	WASHER,LOCK	6
3	XBFFF	92878	2-HP2-4729	BULKHEAD	1
4	XBFFF	92878	HP2-4723	PLATE,COVER	1
5	XBOZZ	92878	HP2-4544	PULLEY,FAN	1
6	PAOZZ	96906	MS51021-57	.SETSCREW,CUP POINT	1
7	PAOZZ	92878	HP2-4924	KEY,MACHINE	1
8	PAOZZ	96906	MS18154-60	SCREW,CAP,HEX HD	2
9	PAOZZ	96906	MS35338-46	WASHER,LOCK	2
10	PAOZZ	96906	MS90725-32	BOLT,MACH,HEX HD	4
11	PAOZZ	96906	MS35338-46	WASHER,LOCK	1
12	XBFFF	92878	1-HP2-4436	GENERATOR ASSY SEE FIG.18 FOR BREAKDOWN	1
				- END OF FIGURE	

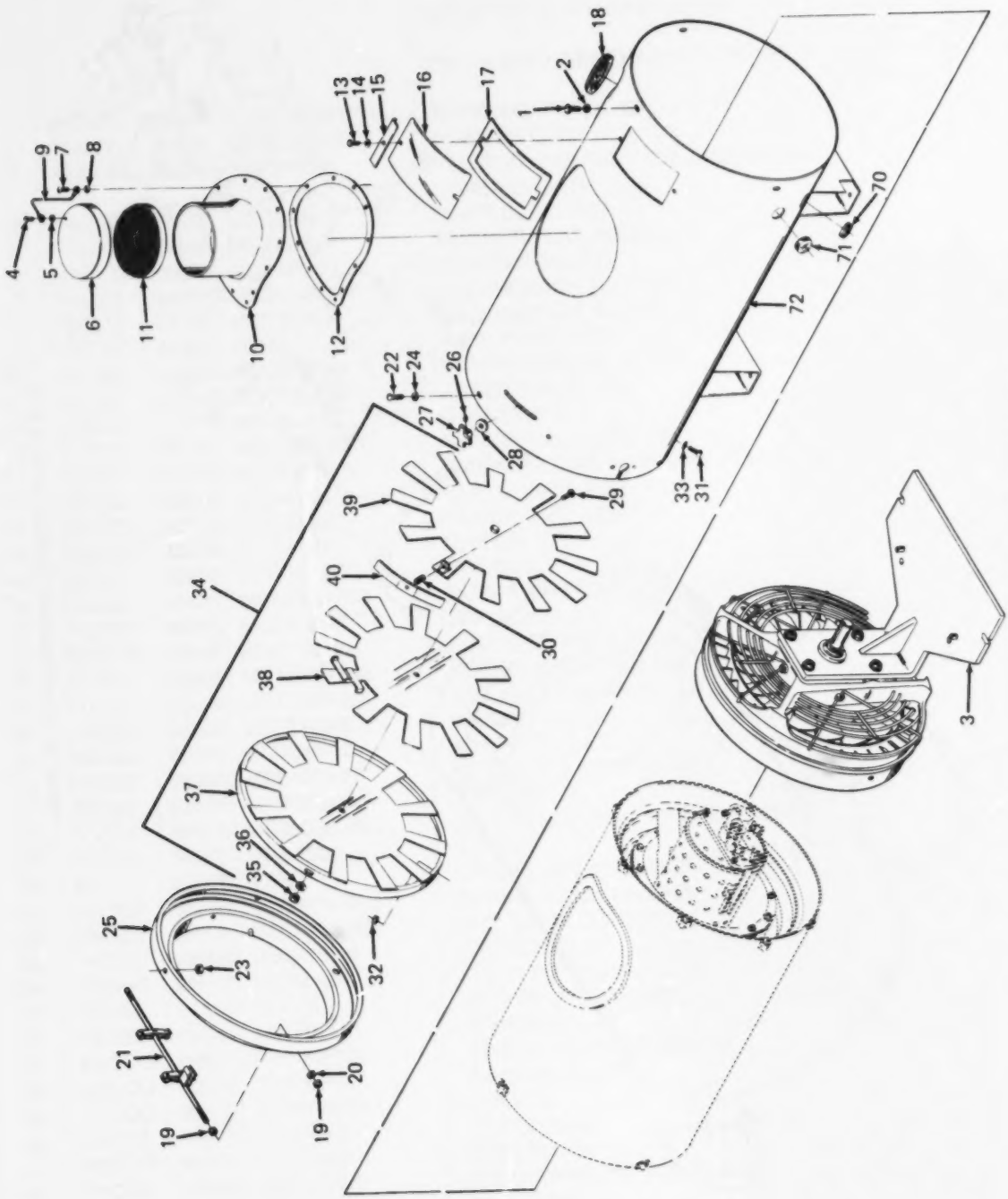


Figure 18. Heat Generator Assembly (Sheet 1 of 2)

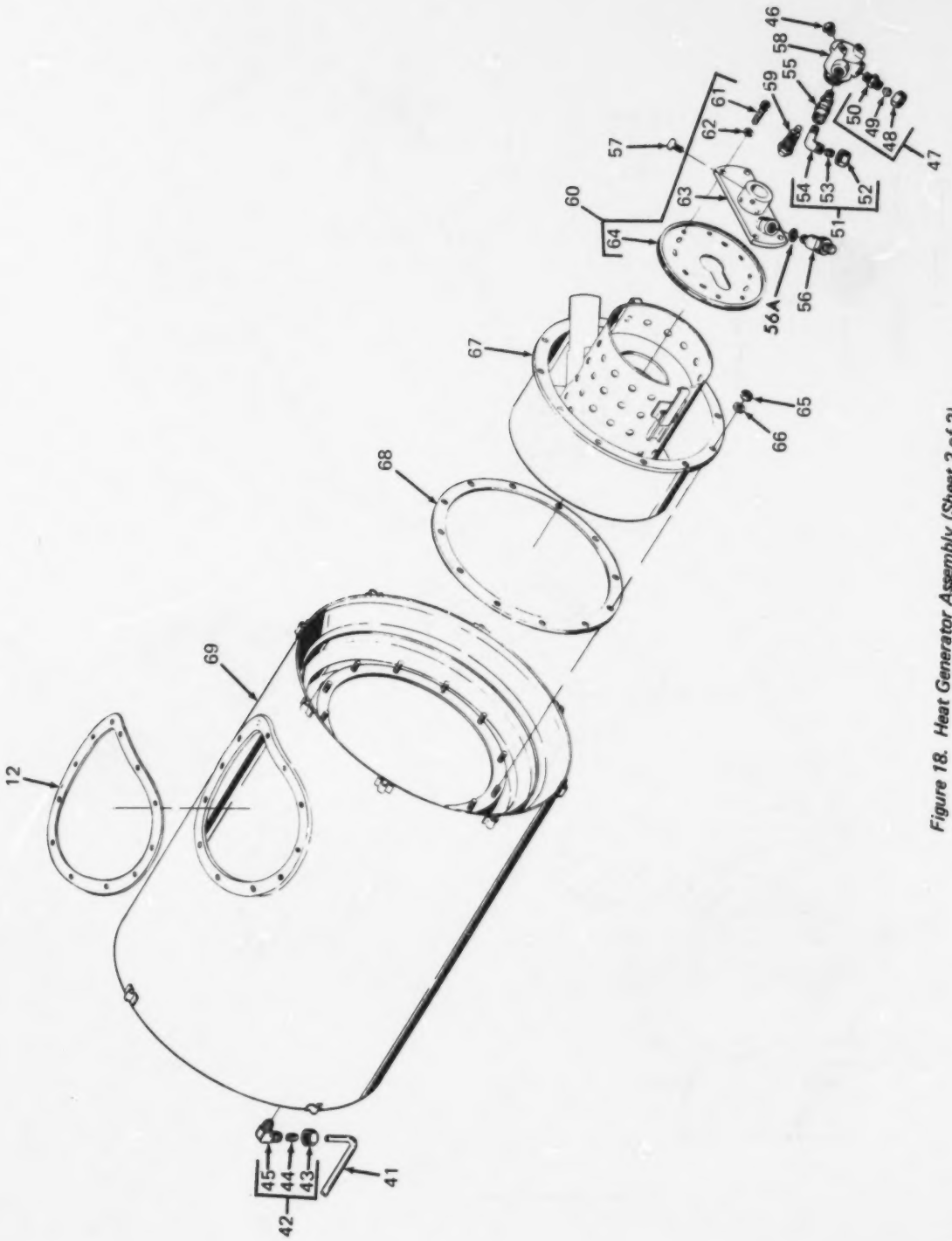


Figure 18. Heat Generator Assembly (Sheet 2 of 2)

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 08 HEAT GENERATOR	
				FIG. 18 HEAT GENERATOR ASSEMBLY	
1	PAOZZ	96906	MS90725-3	.SCREW,CAP,HEX HD	3
2	PAOZZ	96906	MS35338-44	.WASHER,LOCK	3
3	XBOOO	92878	1-HP2-4551	.FAN AND HUB ASSY SEE FIG.19 FOR BREAKDOWN	1
4	PAOZZ	61957	AD42-BS	.RIVET,BLIND,POP	1
5	PAOZZ	96906	MS27183-7	.WASHER,FLAT,ROUND	1
6	XBOOO	92878	8227124-01	.COVER,EXHAUST	1
7	PAOZZ	96906	MS35206-247	.SCREW,MACH,PAN HD	12
8	PAOZZ	96906	MS27183-7	.WASHER,FLAT,ROUND	12
9	PAOZZ	84256	L8T6	.WIRE ROPE ASSY	1
10	XBOZZ	92878	8227122-10	.STACK,EXHAUST,GEN	1
11	XBOZZ	92878	8227123-10	.ARRESTOR,SPARK	1
12	XBOZZ	92878	8227121-01	.GASKET,STACK	2
13	PAOZZ	96906	MS35206-263	.SCREW,MACH,PAN HD	2
14	PAOZZ	96906	MS35333-39	.WASHER,LOCK INTERNAL TOOTH	2
15	XBOZZ	92878	HP2-4720	.CLAMP,INSP PORT	2
16	XBOZZ	92878	HP2-4722	.COVER,INSP PORT	1
17	XBOZZ	92878	HP2-4721	.GASKET	1
18	XBOZZ	92878	8227127-01	.GROMMET	1
19	PAOZZ	96906	MS35649-202	.NUT,PLAIN,HEXAGON	4
20	PAOZZ	96906	MS27183-7	.WASHER,FLAT	2
21	XBOOO	92878	8227132-10	.SUPPORT ASSY,BULB	1
22	PAOZZ	96906	MS35206-263	.SCREW,MACH,PAN HD	3
23	PAOZZ	96906	MS17829-3C	.NUT,SELF-LOCKING	3
24	PAOZZ	96906	MS27183-8	.WASHER,FLAT	6
25	XBOZZ	92878	8227040-10	.ADAPTER,DUCT	1
26	PAOZZ	96906	MS51021-56	.SETSCREW,CUP POINT	1
27	XBOZZ	92878	8227070-03	.HANDLE	1
28	PAOZZ	96906	MS35333-40	.WASHER,LOCK INTERNAL TOOTH	1
29	XBOZZ	92878	HP2-4503	.SCREW	1
30	XBOZZ	92878	49683	.SPRING,COMPRESSION	1
31	PAOZZ	96906	MS35206-263	.SCREW,MACH,PAN HD	4
32	PAOZZ	96906	MS17829-3C	.NUT,SELF-LOCKING	4
33	PAOZZ	96906	MS27183-8	.WASHER,FLAT	4
34	XBOOO	92878	1-HP2-4541	.SHUTTER ASSY	1
35	PAOZZ	21450	131245	..NUT,SELF-LOCKING	1
36	PAOZZ	88044	AN970-4	..WASHER,FLAT	1
37	XBOOO	92878	2-HP2-4529	..SHIELD ASSY,RADIATION	1
38	XBOOO	92878	2-HP2-4531	..DAMPER,STOP	1
39	XBOOO	92878	2-HP2-4530	..DAMPER	1
40	XBOZZ	92878	HP2-4542	..PLATE,SEAL	1
41	XBOOO	92878	HP2-4569	.TUBE,DRAIN	1
42	PAOZZ	96906	MS51815-3	.ELBOW,PIPE TO TUBE	1
43	XAOZZ	96906	MS51823-3	..NUT,TUBE	1
44	XAOZZ	96906	MS51825-3	..SLEEVE,CLINCH	1
45	XAOZZ	96906	MS51815-33	..BODY,ADAPTER	1
46	PAOZZ	79470	3152X2	.PLUG,PIPE,HEX HD	1

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
47	PAOZZ	96906	MS51819-3	.ADAPTER,STRAIGHT	1
48	XAOZZ	96906	MS51823-3	..NUT,TUBE	1
49	XAOZZ	96906	MS51825-3	..SLEEVE,CLINCH	1
50	XAOZZ	96906	MS51819-3	..ADAPTER,STRAIGHT	1
51	PAOZZ	96906	MS51815-3	.ELBOW,PIPE TO TUBE	1
52	XAOZZ	96906	MS51823-3	..NUT,TUBE	1
53	XAOZZ	96906	MS51825-3	..SLEEVE,CLINCH	1
54	XAOZZ	96906	MS51815-33	..BODY,ADAPTER	1
55	PAOZZ	91816	P-356	.VALVE,CHECK	1
56	PAOZZ	92878	2-168681	.IGNITER,SPARK,FUEL ASSY,INCL GASKET	1
56A	PAOZZ	24617	N673	.GASKET,SOLID COPPER 14 MM	1
57	PAOZZ	96906	MS21316-23	.THUMBSCREW,FLAT POINT	2
58	XBOZZ	92878	8227098-05	.HOLDER,NOZZLE	1
59	PAOZZ	71895	28930-2	.NOZZLE,OIL BURNER	1
60	XBOZZ	92878	1-HP2-4740	.ADAPTER ASSY,NOZZLE	1
61	XBOZZ	92878	7521	..SCREW,CAP	4
62	XBOZZ	96906	MS35333-39	..WASHER,LOCK INTERNAL TOOTH	4
63	XBOZZ	92878	2-HP2-4736	..ADAPTER,NOZZLE	1
64	XBOZZ	92878	2-HP2-4739	..PLATE,MTG	1
65	XBOZZ	92878	49114	.NUT,HEX	12
66	XBOZZ	96906	MS27183-10	.WASHER,FLAT	12
67	XBOZZ	92878	2-HP2-4438	.COMBUSTOR ASSY	1
68	XBOZZ	92878	HP2-4564	.GASKET,COMBUSTOR	1
69	XBFFF	92878	2-HP2-4429	.EXCHANGER ASSY,HEAT	1
70	PAOZZ	96906	MS35489-47	.GROMMET,NONMETALLIC	2
71	PAOZZ	96906	MS35489-15	.GROMMET,NONMETALLIC	1
72	XBFFF	92878	2-HP2-4430	.CASE,HEAT EXCHANGER	1
				END OF FIGURE	

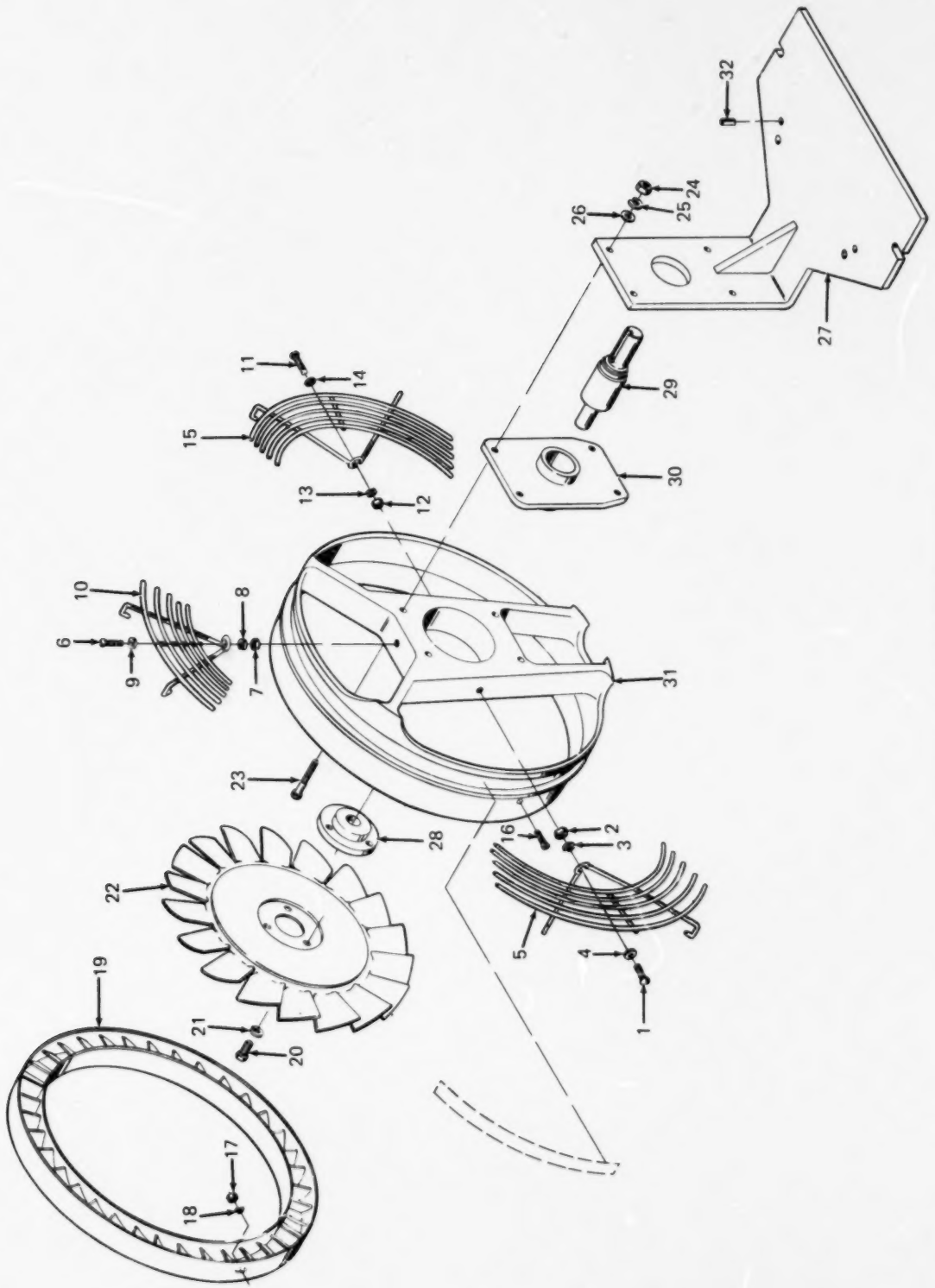


Figure 19. Fan and Hub Assembly

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 08 HEAT GENERATOR	
				FIG. 19 FAN AND HUB ASSEMBLY	
1	PAOZZ	96906	MS35206-285	.SCREW,MACH,PAN HD	1
2	PAOZZ	96906	MS35649-2252	.NUT,PLAIN,HEXAGON	1
3	PAOZZ	96906	MS35338-44	.WASHER,LOCK	1
4	PAOZZ	96906	MS27183-10	.WASHER,FLAT	1
5	XBOOO	92878	2-HP2-4688-2	.GUARD,FAN,SIDE	1
6	PAOZZ	96906	MS35206-283	.SCREW,MACH,PAN HD	1
7	PAOZZ	96906	MS35649-225	.NUT,PLAIN,HEXAGON	1
8	PAOZZ	96906	MS35338-44	.WASHER,LOCK	1
9	PAOZZ	96906	MS27183-10	.WASHER,FLAT	1
10	XBOOO	92878	2-HP2-4689	.GUARD,FAN,TOP	1
11	PAOZZ	96906	MS35206-285	.SCREW,MACH,PAN HD	1
12	PAOZZ	96906	MS35649-225	.NUT,PLAIN,HEXAGON	1
13	PAOZZ	96906	MS35338-44	.WASHER,LOCK	1
14	PAOZZ	96906	MS27183-10	.WASHER,FLAT	1
15	XBOOO	92878	2-HP2-4688-1	.GUARD,FAN,SIDE	1
16	PAOZZ	96906	MS35190-253	.SCREW,MACHINE	2
17	PAOZZ	96906	MS21045-08	.NUT,SELF-LOCKING	2
18	PAOZZ	96906	MS27183-7	.WASHER,FLAT	2
19	XBOOO	92878	8227091-10	.VANE ASSY,AIR STRAIGHTENING	1
20	PAOZZ	96906	MS90725-3	.SCREW,CAP,HEX HD	3
21	PAOZZ	96906	MS35338-44	.WASHER,LOCK	3
22	XBOOO	92878	8227092-10	.FAN ASSY,VAN AXIAL	1
23	PAOZZ	96906	MS16997-84	.SCREW,CAP,SOCKET HD	4
24	PAOZZ	96906	MS35649-2312	.NUT,PLAIN,HEXAGON	4
25	PAOZZ	96906	MS35338-45	.WASHER,LOCK	4
26	PAOZZ	96906	MS27183-12	.WASHER,FLAT	4
27	XBOOO	92878	2-HP2-4518	.BRACKET	1
28	XBOZZ	92878	8227093-01	.HUB, FAN	1
29	PAOZZ	92878	HP2-4415	.BEARING,SLEEVE,FAN	1
30	XBOZZ	92878	HP2-4184	.SUPPORT,BEARING,FAN	1
31	XBOZZ	92878	8227072-03	.RING,FAN	1
32	PAOZZ	96906	MS16562-266	.PIN,SPRING	2
				END OF FIGURE	

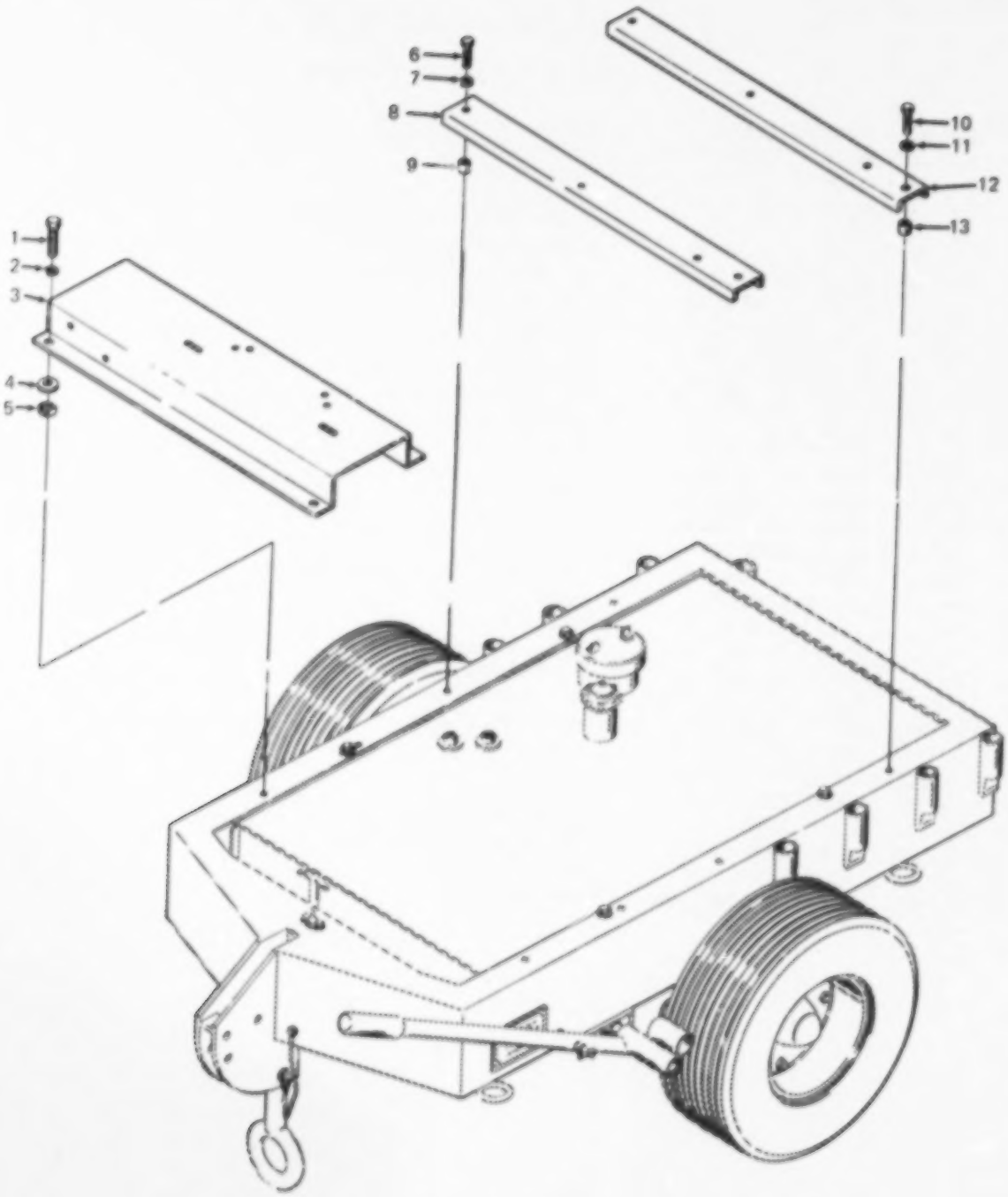
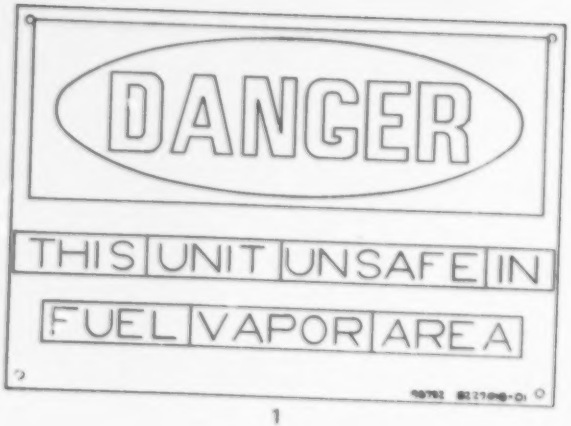


Figure 20. Supports

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 09 SUPPORTS AND DATA PLATES	
				FIG. 20 SUPPORTS	
1	PAOZZ	96906	MS18154-60	SCREW,CAP,HEX HD	4
2	PAOZZ	96906	MS35338-46	WASHER,LOCK	4
3	XBFFF	92878	2-HP2-4417	CHANNEL ASSY,MTG	1
4	PAOZZ	92878	HP2-4725	WASHER,CUP	4
* 5	PAOZZ	92878	HP2-4724	PAD,ISOMODE	4
6	PAOZZ	96906	MS90728-63	SCREW,CAP,HEX HD	2
7	PAOZZ	96906	MS35338-46	WASHER,LOCK	2
8	XBFFF	92878	2-HP2-4756	SUPPORT ASSY,HEAT EXCHANGER	1
9	XBOZZ	51506	794-S-1/2-8-HW	SPACER	2
10	PAOZZ	96906	MS90728-63	SCREW,CAP,HEX HD	2
11	PAOZZ	96906	MS35338-46	WASHER,LOCK	2
12	XBFFF	92878	2-HP2-4757	SUPPORT ASSY,HEAT EXCHANGER	1
13	XBOZZ	51506	794-S-1/2-8-HW	SPACER	2
				END OF FIGURE	



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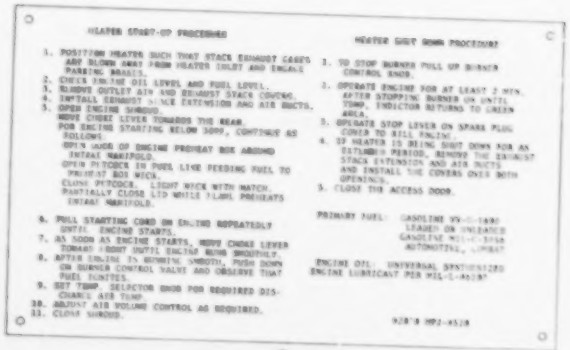

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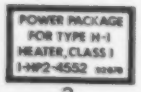

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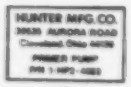

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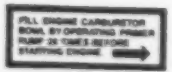
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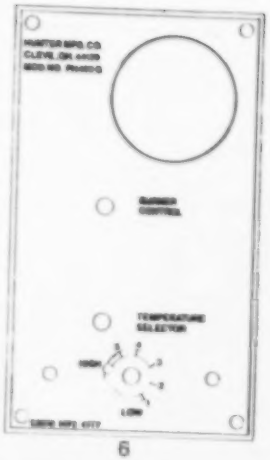
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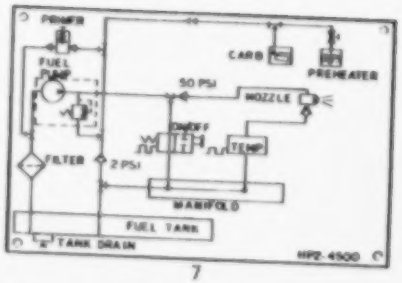

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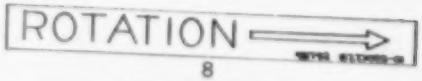

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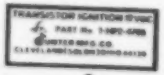
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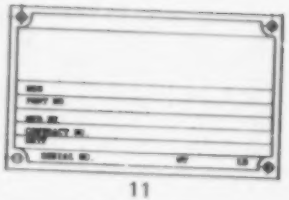
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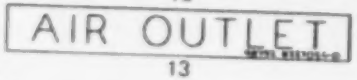

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Figure 21. Information Plates

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 09 SUPPORTS AND DATA PLATES	
				FIG. 21 INFORMATION PLATES	
1	XBOZZ	98752	8227018-01	PLATE,WARNING	1
2	XBOZZ	92878	HP2-4528	PLATE,INSTRUCTION	1
3	XBOZZ	92878	HP2-4868	LABEL,POWERPLANT	1
4	XBOZZ	92878	HP2-4604	LABEL,PUMP,PRIMER	1
5	XBOZZ	92878	HP2-4800	LABEL,INSTRUCTION, PRIMER PUMP	1
6	XBOZZ	92878	HP2-4777	PLATE,CONTROL PANEL	1
7	XBOZZ	92878	HP2-4500	PLATE,INFORMATION	1
8	XBOZZ	98752	8227025-01	LABEL,ROTATION	1
9	XBOZZ	92878	HP2-4798	LABEL,IGNITION	1
10	PAOZZ	92878	HP2-4892	LABEL,WARNING, REFUELING	1
11	XBOZZ	92878	168459	PLATE,ID	1
12	PAOZZ	92878	HP2-4925	MARKER,ID,CAUTION	1
13	PAOZZ	98752	8227024-01	LABEL,AIR OUTLET	1
				END OF FIGURE	

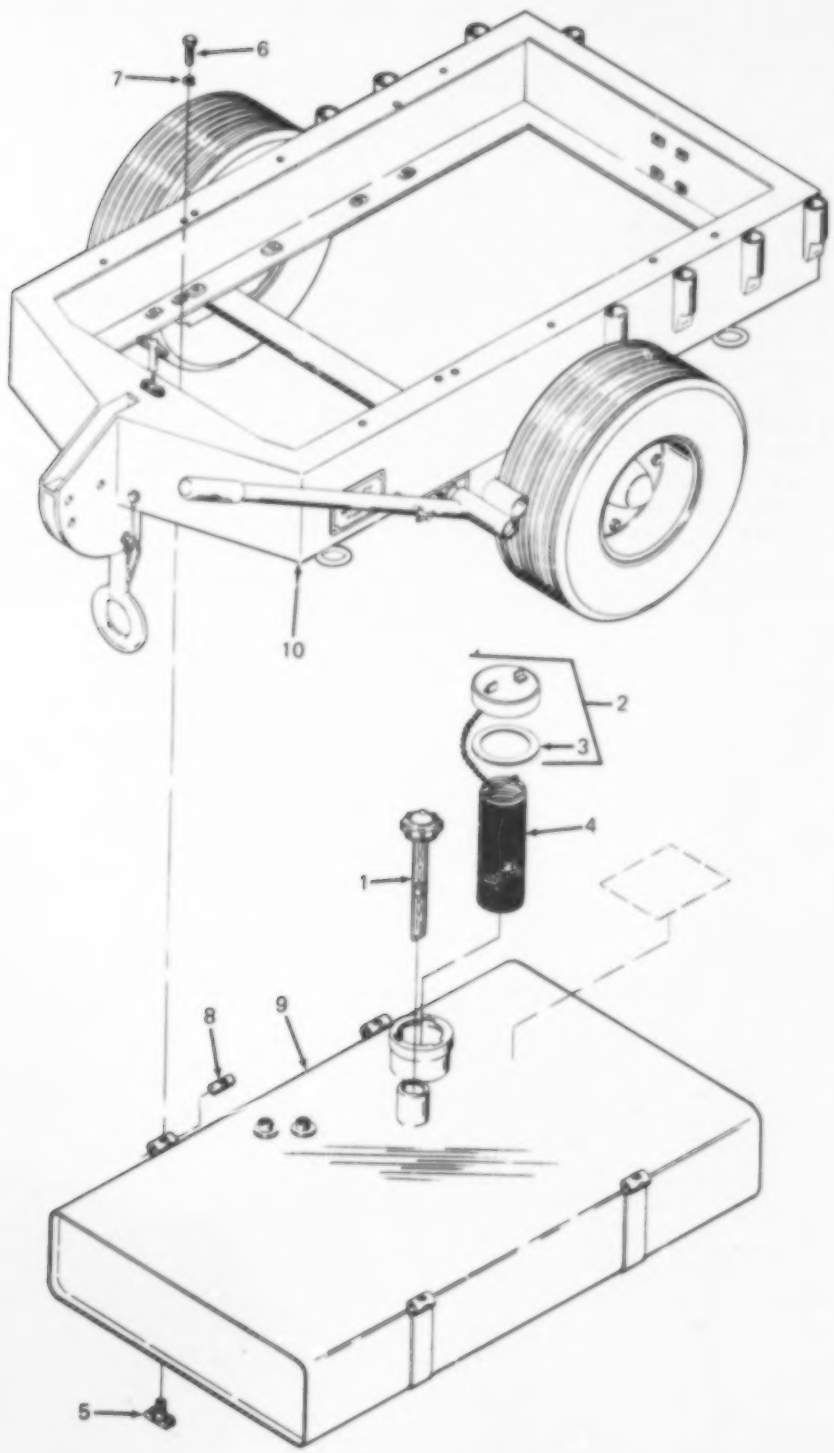

Figure 22. Fuel Tank

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 10 FUEL TANK	
				FIG. 22 FUEL TANK	
1	PAOZZ	23224	50200A-9¾	INDICATOR,LIQUID FUEL	1
2	PAOZZ	96906	MS35645-1	CAP,FILLER,FUEL TANK,W/CHAIN,HOOK & GASKET	1
3	PAOZZ	96906	MS35643-1	.GASKET,CAP	1
4	XBOZZ	92878	2-HP2-4605	STRAINER,FUEL TANK	1
5	PAOZZ	96906	MS35782-1	COCK,DRAIN	1
6	PAOZZ	96906	MS18154-60	SCREW,CAP,HEX HD	4
7	PAOZZ	96906	MS35338-46	WASHER,LOCK	4
8	PAOZF	92878	8227219-01	NUT,PLAIN,BARREL	4
9	XBFHH	92878	2-HP2-4781-10	TANK,FUEL	1
10	XBHHH	92878	1-HP2-4553	RUNNING ASSY,GEAR SEE FIG.23 FOR BREAKDOWN	1
				END OF FIGURE	

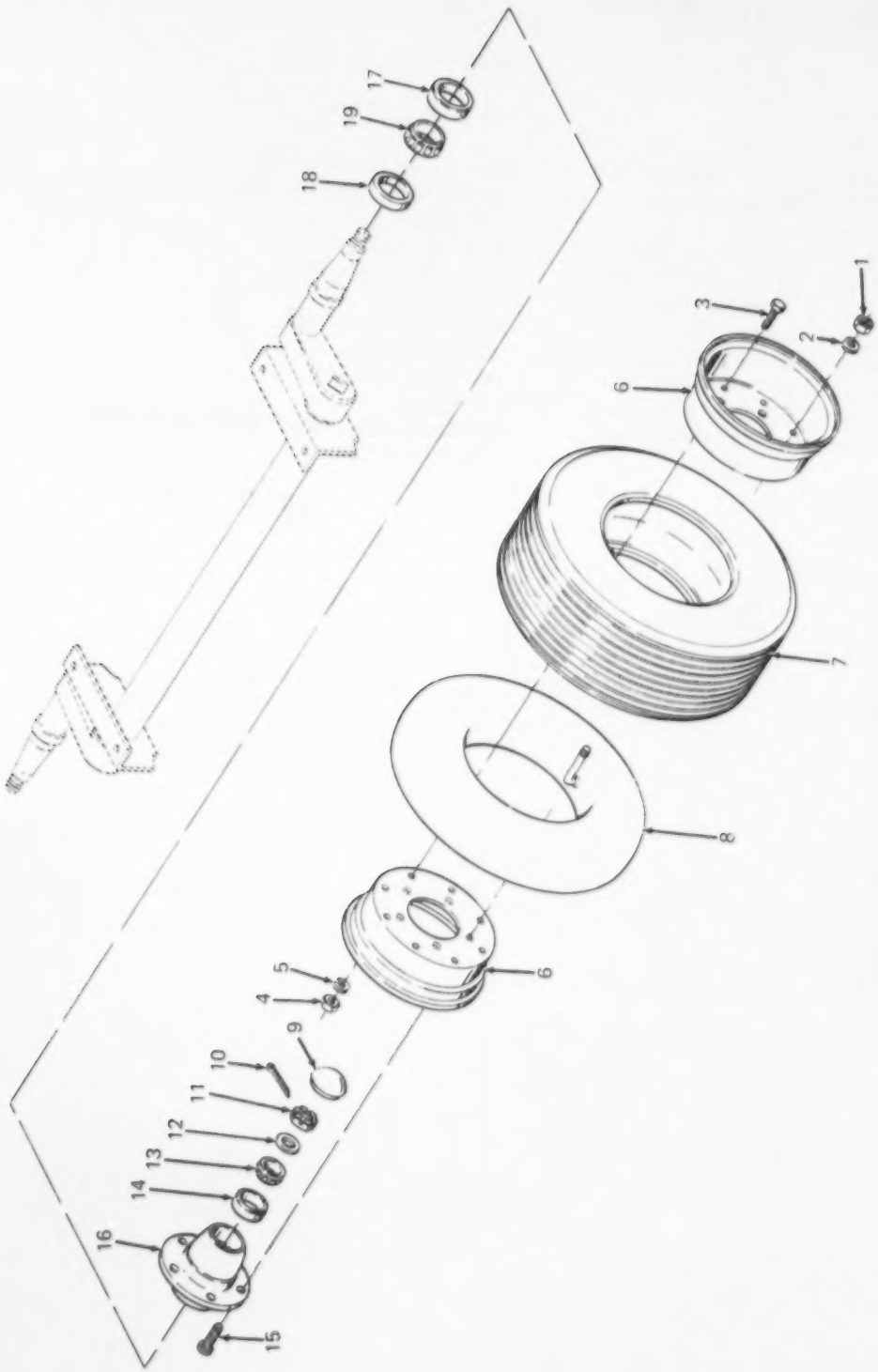

Figure 23. Wheels, Tires and Tubes, Wheel Hubs, and Bearings

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 11 TRAILER ASSEMBLY	
				FIG. 23 WHEELS, TIRES AND TUBES, WHEEL HUBS, AND BEARINGS	
1	PAOZZ	96906	MS51968-14	.NUT,PLAIN,HEXAGON	5
2	PAOZZ	88044	AN935-816	.WASHER,LOCK	5
3	PAOZZ	96906	MS18154-60	.SCREW,CAP,HEX HD	8
4	PAOZZ	96906	MS35649-2382	.NUT,PLAIN,HEXAGON	8
5	PAOZZ	96906	MS35338-46	.WASHER,LOCK	8
6	PAOZZ	96906	MS24325-1	.WHEEL,PNEUMATIC TIRE	2
7	PAOZH	81348	ZZ-T-410A/GPI/6.00/6.90-9/C/PLRB	.TIRE,PNEUMATIC	2
8	PAOZF	81348	ZZ00550	.INNER TUBE	2
9	XBOZZ	99024	16-6201	.CUP,GREASE	2
10	PAOZZ	96906	MS24665-394	.PIN,COTTER	2
11	PAOZZ	99024	16-5686	.NUT,PLAIN,SLOTTED, CASTELLATED	2
12	PAOZZ	99024	16-5863	.WASHER,KEY,BEARING	2
13	PAOZZ	60038	15123	.CONE AND ROLLERS, OUTER	2
14	PAOZZ	60038	15245	.CUP,TAPERED ROLLER, OUTER BEARING	2
15	PAOZZ	99024	16-5994	.STUD	10
16	PBOZZ	96906	MS24328-2	.HUB,WHEEL	2
17	PAOZZ	60038	24780	.CONE AND ROLLERS, INNER BEARING	2
18	PAOZZ	99024	16-6200	.SEAL,GREASE	2
19	PAOZZ	60038	24720	.CUP,TAPERED ROLLER, INNER	2
				END OF FIGURE	

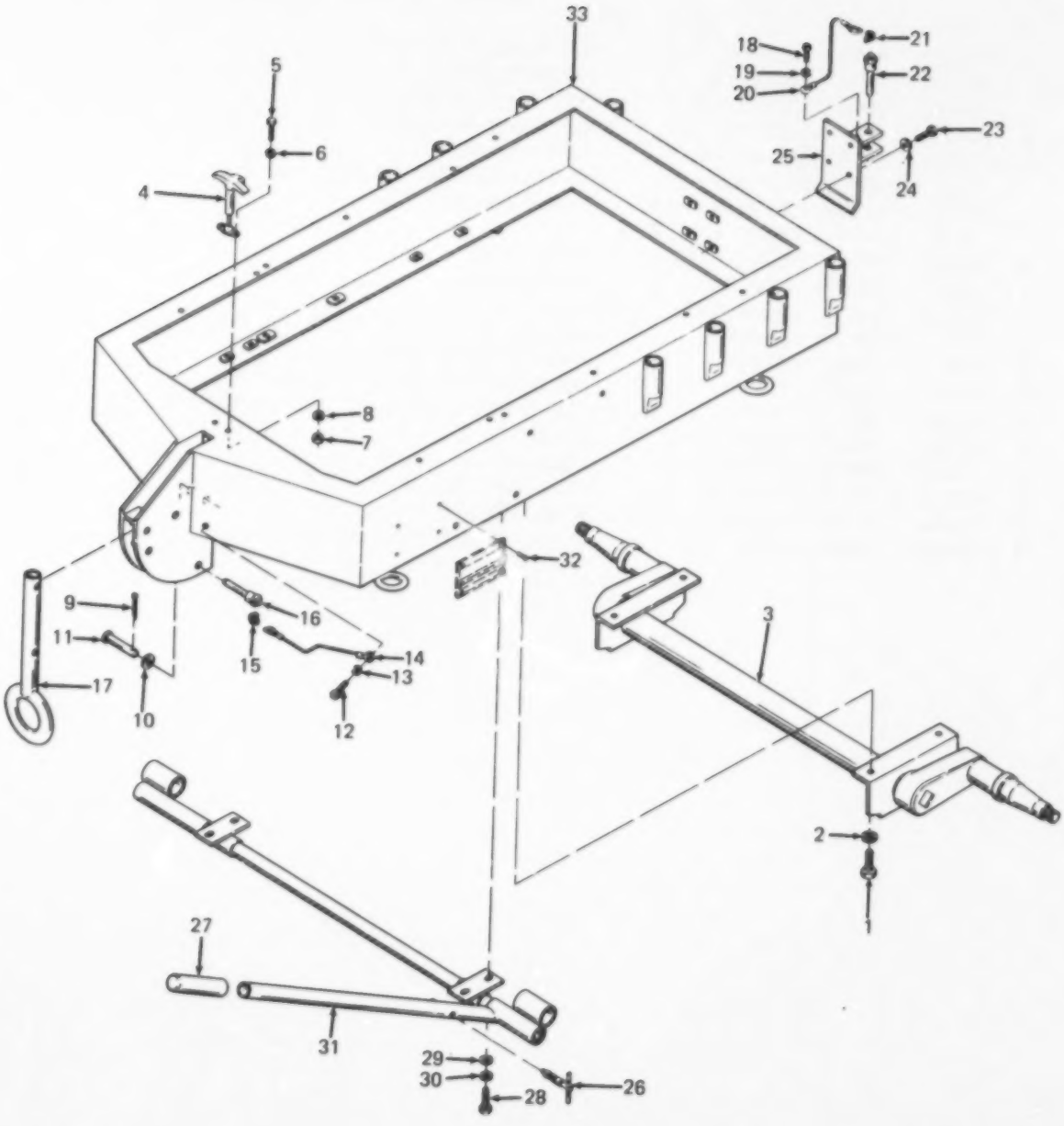

Figure 24. Axle, Brakes, and Frame

SECTION II

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 11 TRAILER ASSEMBLY	
				FIG. 24 AXLE, BRAKES, AND FRAME	
1	PAOZZ	96906	MS90725-109	.SCREW,CAP,HEX HD	4
2	PAOZZ	96906	MS27183-19	.WASHER,FLAT	4
3	XBFZZ	92878	HP2-4251	.AXLE ASSY,RUBBER, TORSION	1
4	PAOZZ	19207	7697487	.FASTENER,CYLINDER	1
5	PAOZZ	96906	MS90725-3	.SCREW,CAP,HEX HD	2
6	PAOZZ	96906	MS27183-10	.WASHER,FLAT	2
7	PAOZZ	96906	MS51967-2	.NUT,PLAIN,HEXAGON	2
8	PAOZZ	96906	MS35338-44	.WASHER,LOCK	2
9	PAOZZ	88044	AN415-6	.PIN,LOCK,COTTER	1
10	PAOZZ	96906	MS27183-18	.WASHER,FLAT	1
11	PAOZZ	96906	MS20392-7C79	.PIN,STRAIGHT,HEADED CLEVIS	1
12	PAOZZ	96906	MS35206-277	.SCREW,MACH,PAN HD	1
13	PAOZZ	96906	MS35338-44	.WASHER,LOCK	1
14	PAOZZ	84256	LT1504-C10-7.5	.WIRE,SAFETY	1
15	PAOZZ	09094	R-1	.RING,SPLIT	1
* 16	PAOZZ	98752	8227212-01	.PIN,QUICK RELEASE, HITCH	1
17	XBOZZ	92878	HP2-4501	.BAR,TOW	1
18	PAOZZ	96906	MS35206-277	.SCREW,MACH,PAN HD	1
19	PAOZZ	96906	MS35338-44	.WASHER,LOCK	1
20	PAOZZ	84256	LT1504-C10-7.5	.WIRE,SAFETY	1
21	PAOZZ	09094	R-1	.RING,SPLIT	1
* 22	PAOZZ	98752	8227212-01	.PIN,QUICK RELEASE, HITCH	1
23	PAOZZ	96906	MS90725-109	.SCREW,CAP,HEX HD	4
24	PAOZZ	96906	MS27183-18	.WASHER,FLAT	4
25	XBOZZ	92878	2-HP2-4835	.BACKTOW ASSY	1
26	XBOZZ	92878	2-HP2-4859	.PLUNGER ASSY	1
27	PAOZZ	92878	HP2-4867	.GRIP,HANDLE	1
28	PAOZZ	96906	MS90725-58	.SCREW,CAP,HEX HD	4
29	PAOZZ	96906	MS27183-14	.WASHER,FLAT	4
30	PAOZZ	96906	MS35338-46	.WASHER,LOCK	4
31	XBOZZ	92878	2-HP2-4851	.BRAKE ASSY	1
32	XBOZZ	92878	8227221-03	.RIVET,POP	4
33	XBOZZ	92878	2-HP2-4614	.TRAILER ASSY	1
				END OF FIGURE	

SECTION II

	(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
					GROUP 12 BULK MATERIALS LIST	
		PAOZZ	81349	M13486/1-5	WIRE,ELECTRICAL COPPER,STRANDED,SINGLE CONDUCTOR,14 GA.,50 FT. ROLL	FT
*		PAOZZ	92878	HP2-4812	GASKET MATERIAL, FUEL RESISTANT,3/16 IN. THK. X 5/8 IN. WIDE	N
		PAOZZ	70485	X1277	CHANNEL,NONMETALLIC RUBBER, 3/8 IN. WIDE, 1/16 GROOVE, 25 FT. ROLL	FT
		PAOZZ	81346	ASTM B280	TUBE, METALLIC COPPER-ANNEALED, 1/4 IN. OD. X 0.035 IN. WALL THK., 50 FT. ROLL	FT
*		PAOZZ	04963	77	ADHESIVE,24 oz. can	CN
*		PAOZZ	92878	RS#10542	INSULATION.ASPHALT SATURATED FELT 1/8 IN. THICK,42" WIDE,50 FT. ROLL	FT
					END OF FIGURE	

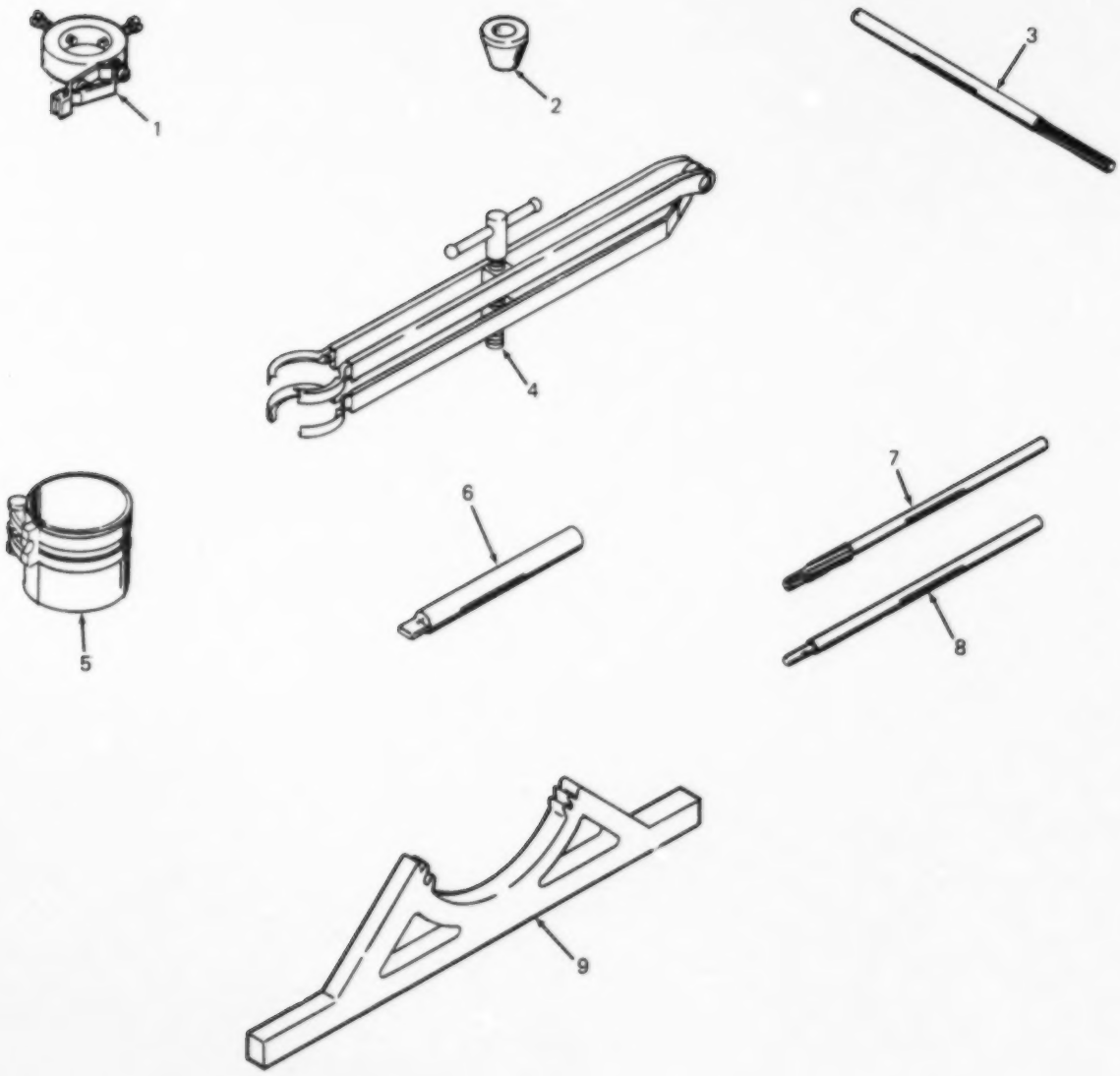

Figure 25. Tool Kit

SECTION III

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 13 SPECIAL TOOLS	
				FIG. 25 TOOL KIT	
	XBFHH	92878	29166	KIT,TOOL	1
1	XDFOO	92878	19051	.TESTER,SPARK	1
2	XDFZZ	92878	19191	.BUSHING,REAMER GUIDE	1
3	XDFZZ	92878	19066	.REAMER,VALVE GUIDE, BUSHING FINISH	1
4	XDFZZ	92878	19063	.SPRING, VALVE COMPRESSOR	1
5	XDFZZ	92878	19230	.RING,COMPRESSOR	1
6	XDFZZ	92878	19122	.GUAGE,VALVE GUIDE, REJECT	1
7	XDFZZ	92878	19064	.REAMER,VALVE GUIDE, BUSHING COUNTERBORE	1
8	XDFZZ	92878	19065	.DRIVER,VALVE GUIDE, BUSHING	1
9	PAFZZ	92878	19167	.HOLDER,FLYWHEEL	1
				END OF FIGURE	

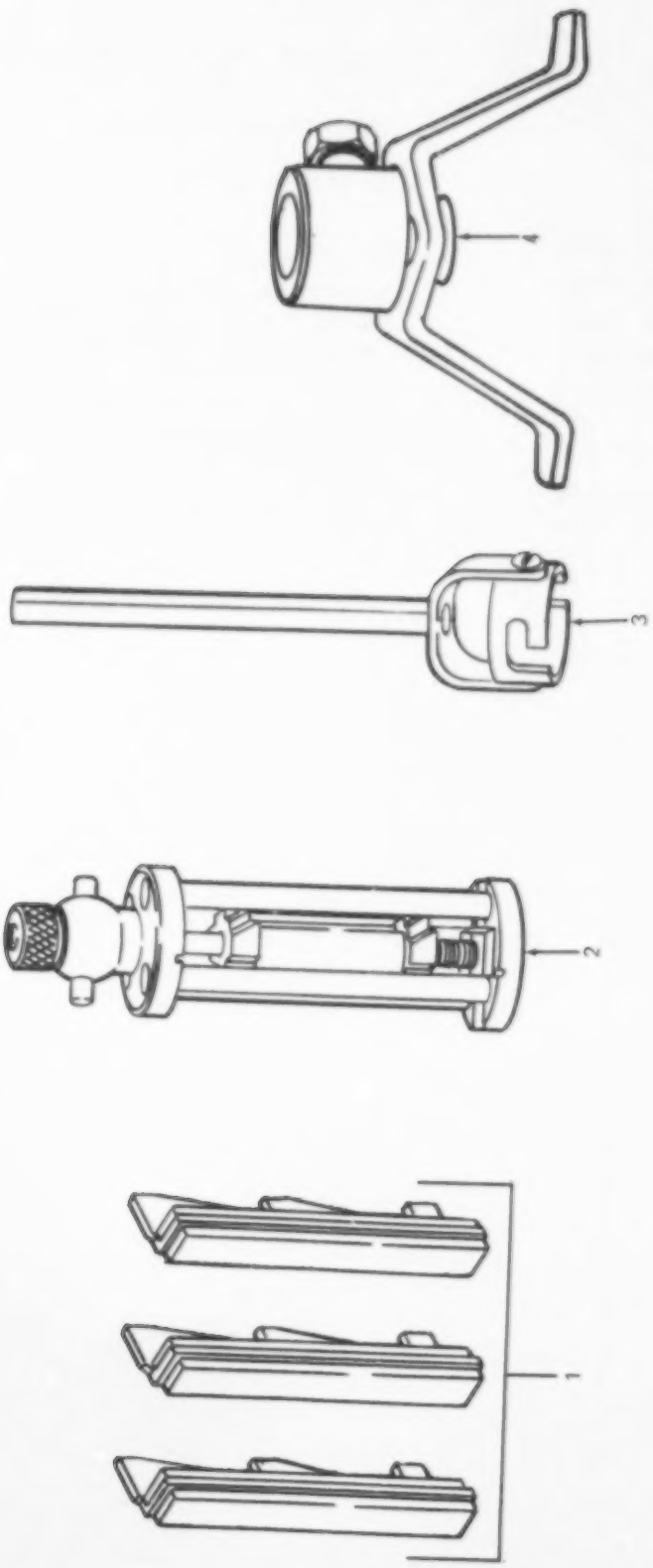

Figure 26. Hone Set

SECTION III

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 13 SPECIAL TOOLS	
				FIG. 26 HONE SET	
	XBFHH	92878	19205	HONE,SET	1
1	XDFZZ	92878	19206	.SET,STONE	1
2	XDFZZ	92878	19208	.SPRINGS,STONE RETAINER	1
3	XDFZZ	92878	19209	.SHANK,DRIVE	1
4	XDFZZ	92878	19210	.STOP,DEPTH	1
				END OF FIGURE	

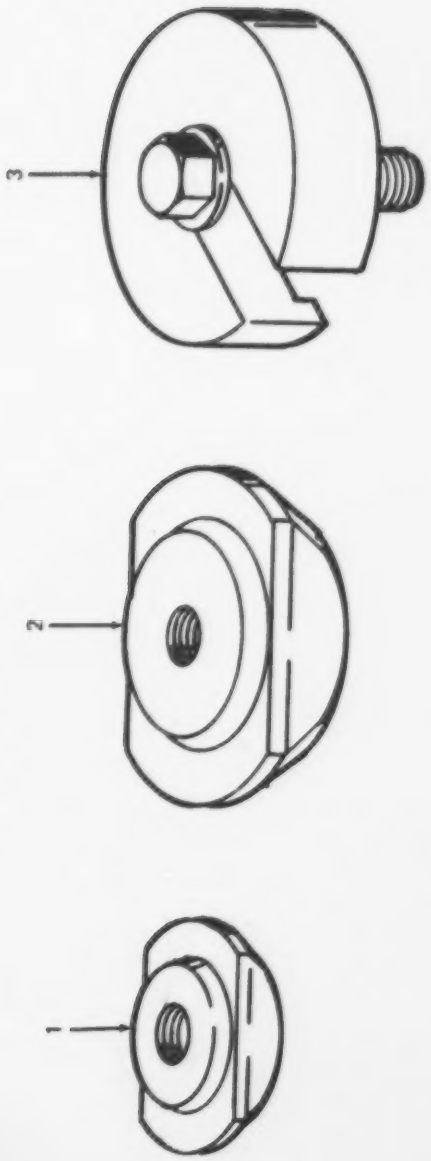

Figure 27. Valve Seat Puller Kit

SECTION III

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 13 SPECIAL TOOLS	
				FIG. 27 VALVE SEAT PULLER KIT	
	XBFZZ	92878	19138	KIT,PULLER,VALVE SEAT	
1	XDFZZ	92878	19182	.NUT PULLER,EXHAUST SEAT	1
2	XDFZZ	92878	19139	.NUT PULLER,INTAKE SEAT	1
3	XDFZZ	92878	19138A	.PULLER,INSERT	1
				END OF FIGURE	

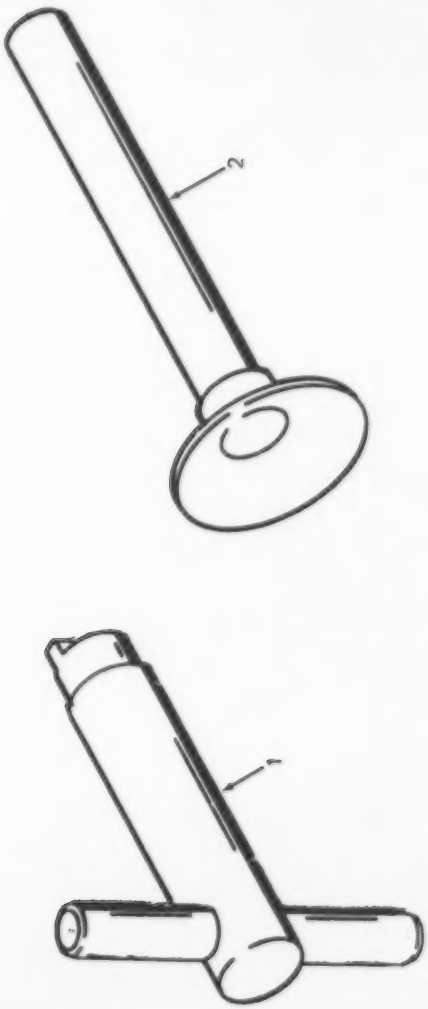

Figure 28. Valve Tools

SECTION III

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
				GROUP 13 SPECIAL TOOLS LIST	
				FIG. 28 VALVE TOOLS	
1	XBOFH	92878	8227239	TOOL,VALVE PACKING	1
2	XBFHH	19258	V1275	LAPPER,VALVE	1
				END OF FIGURE	

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
4730-00-003-5919	4	21	4730-00-096-8756	15	44
	13	2		18	42
	13	33		18	51
	15	29	3110-00-100-0542	23	19
	15	49	3110-00-100-3537	23	17
	18	47	2910-00-141-9758	22	2
5310-00-004-5033	14	5	6145-00-152-6499	BULK	1
	14	9	5310-00-167-0766	18	36
	17	9	5325-00-174-9008	18	71
	17	11	6685-00-179-8632	4	40
	20	2	4730-00-196-1468	4	3
	20	7	4730-00-196-1963	13	46
	20	11	3110-00-198-2169	23	13
	22	7	3110-00-198-2170	23	14
	23	5	4730-00-203-3129	3	15
	24	30	4710-00-203-3171	BULK	2
5310-00-013-1245	18	35	5340-00-205-5244	4	17
5305-00-027-6244	14	3	5330-00-215-3854	5	3
5315-00-039-5563	15	38	5305-00-225-3839	15	26
5305-00-044-4153	24	1	5306-00-225-8497	17	10
	24	23	5306-00-225-8503	3	6
5310-00-045-3296	16	33	5315-00-234-1628	23	10
2610-00-050-9840	23	7	5330-00-248-3845	15	42
5310-00-056-3395	16	27		15	58
	23	4	4730-00-253-4415	4	4
5999-00-057-2929	9	15	5330-00-254-2054	5	4
	16	13	4730-00-254-6374	13	49
5305-00-059-4568	19	16		15	55
5310-00-061-7326	2	4	4730-00-263-2733	4	6
5305-00-068-0500	2	33		13	48
	13	61	5330-00-263-8028	13	30A
	15	65			
	17	1	5330-00-263-8030	13	20A
	18	1		13	27A
	19	20			
	24	5	5305-00-269-3209	24	28
5305-00-073-8255	11	1	5340-00-272-3560	2	30
5310-00-080-6004	14	10	5325-00-276-6100	15	61
	24	29	4730-00-277-9615	15	12
5310-00-081-4219	3	5	4730-00-287-3281	13	47
	19	26		15	48
5310-00-082-1404	2	19		15	54
	2	29		18	46
	16	29	4730-00-289-4746	13	31
5320-00-083-5009	15	68	5340-00-291-5347	13	39
2610-00-089-5997	23	8	5325-00-291-9366	15	24
4730-00-096-8756	4	7	5310-00-297-6108	12	7
	13	6	4530-00-300-9598	18	59
	13	22	4730-00-366-3011	13	19
	15	33	5310-00-407-9566	3	4

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NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM
5310-00-407-9566	19	25
5330-00-411-9116	12	
5330-00-423-4210	18	56A
5935-00-462-6603	16	15
5961-00-497-4280	16	30
5315-00-514-1353	19	32
2530-00-528-7224	23	6
5310-00-550-1130	2	12
	18	28
5310-00-559-0070	16	24
7520-00-559-9618	2	14
5310-00-576-5752	1	7
	2	2
	2	25
	13	38
	15	4
	15	20
	15	63
	16	2
	18	14
5310-00-579-0079	16	28
5310-00-582-5710	4	38
5310-00-582-5965	2	34
	13	62
	15	27
	15	66
	16	37
	17	2
	18	2
	19	3
	19	8
	19	13
	19	21
	24	8
	24	13
	24	19
5310-00-596-7693	4	15
4730-00-619-9368	13	42
4720-00-624-0263	11	2
2805-00-624-0282	11	3
5305-00-638-8691	17	6
5305-00-638-8753	3	10
	13	12
4730-00-639-9730	4	13
	4	42
	13	10
	13	53
	15	37
4820-00-639-9802	18	55
4730-00-640-6330	14	13
2530-00-646-7705	23	16
5975-00-660-5962	9	13
5330-00-678-4431	11	4
4820-00-684-0880	22	5
5330-00-684-7851	22	3
5305-00-688-2111	20	6
	20	10
5310-00-689-3877	15	23
	18	23
	18	32
4730-00-706-7761	4	41
5305-00-719-4603	7	4
5305-00-719-4782	7	1
5975-00-727-5153	16	11
9320-00-729-6188	BULK	1
5310-00-732-0558	14	4
5310-00-732-0560	23	1
5330-00-733-2208	15	41
	15	57
5310-00-761-6882	2	11
	16	36
	24	7
5340-00-764-7051	16	10
2510-00-769-7487	24	4
5310-00-809-3079	24	2
5310-00-809-4058	2	13
	19	4
	19	9
	19	14
	24	6
5310-00-809-5998	24	10
	24	24
5310-00-809-8544	18	5
	18	8
	18	20
	19	18
5310-00-809-8546	2	5
	2	8
	15	22
	18	24
	18	33
5315-00-815-9499	3	13
5306-00-816-2441	3	2
5305-00-817-6139	15	1
	15	15
	15	17
	18	26
5310-00-829-9981	3	3
	19	24

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STOCK NUMBER	FIG.	ITEM
5970-00-833-8562	9	14
4730-00-836-3498	15	8
4730-00-839-5120	13	15
5305-00-855-0961	16	17
5310-00-889-2544	2	20
	2	28
5310-00-889-2549	19	17
5305-00-889-3000	2	18
5320-00-889-0981	2	17
	2	23
	18	4
4730-00-900-3296	13	60
5310-00-934-9740	19	7
	19	12
5310-00-934-9757	16	23
5310-00-934-9758	16	32
	18	19
5305-00-942-2196	14	6
	14	8
	17	8
	20	1
	22	6
	23	3
5305-00-949-3804	18	57
5315-00-957-9389	24	11
4010-00-963-7417	1	8
	18	9
4730-00-972-1630	13	17
	13	29
3030-00-983-6118	14	1
5305-00-983-6625	19	23
5305-00-984-4993	2	27
5305-00-984-6191	4	14
5305-00-984-6195	18	7
5305-00-984-6196	16	22
5305-00-984-6208	1	6
	2	1
	2	7
	2	24
	13	37
	15	3
	15	19
	15	62
	16	1
5305-00-984-6210	2	3
	15	21
	18	13
	18	22
	18	31
5305-00-984-7364	16	31

STOCK NUMBER	FIG.	ITEM
5305-00-988-1171	19	1
	19	11
5305-00-988-1721	24	12
	24	18
5305-00-988-1724	2	10
5305-00-988-1727	19	6
5310-00-997-1888	19	2
2590-01-013-0103	8	7
5330-01-013-5580	12	5
5961-01-017-5365	16	25
5305-01-043-0551	5	1
5310-01-073-8614	23	2
4010-01-076-9279	24	15
	24	21
5940-01-079-1647	9	11
5315-01-081-9991	24	9
4520-01-087-9511	18	56
5310-01-100-6820	22	8
4520-01-100-9828	1	4
4730-01-101-2534	13	20
	13	27
5310-01-103-5739	23	11
5330-01-103-8602	23	18
5310-01-105-9388	23	12
5915-01-111-5450	16	21
5307-01-122-2707	23	15
2990-01-150-0772	9	1
2940-01-157-5143	4	33
5340-01-168-5693	24	16
	24	22
6680-01-169-5990	22	1
2920-01-179-7016	8	8
5365-01-189-7245	4	35
5330-01-193-1476	4	37
5330-01-193-1477	12	13
2990-01-195-4683	9	7
2920-01-197-6553	8	6
2910-01-198-6136	4	27
2920-01-200-1642	8	5
4820-01-201-1471	15	53
5310-01-204-8555	4	30
5310-01-204-8561	4	31
4730-01-206-1293	1	3
4520-01-206-6504	1	9
2805-01-206-6567	3	8
2910-01-206-8625	5	D
4730-01-206-8626	13	30
4010-01-206-8627	24	14
	24	20
2910-01-206-8628	14	12

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NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
6685-01-206-8629	15	64			
2910-01-206-8630	16	4			
2920-01-206-8632	16	20			
5310-01-206-8633	20	4			
4810-01-206-8634	15	43			
4810-01-206-8635	15	59			
2920-01-206-8649	8	1			
5315-01-206-8673	17	7			
7530-01-206-8675	21	13			
7690-01-206-8676	21	10			
4730-01-206-8677	4	2			
4730-01-206-8678	13	26			
4730-01-206-8679	13	54			
5330-01-206-8681	20	5			
5330-01-206-8682	4	28			
5330-01-206-8683	BULK	1			
4820-01-206-8686	13	41			
4820-01-206-8687	13	50			
4820-01-206-8688	13	55			
5305-01-206-8689	16	26			
3120-01-206-8697	19	29			
5310-01-206-8701	16	34			
5340-01-206-8706	24	27			
2910-01-206-8721	14	7			
7690-01-206-8723	21	12			
4730-01-206-8726	4	5			
5905-01-206-9954	16	35			
4720-01-206-9967	1	2			
3010-01-207-1900	3	9			
4720-01-207-8357	1	1			
4520-01-209-6570	25	9			
4720-01-201-0349	13	16			
	13	18			
	13	28			

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
61957	AD42-BS	5320-00-899-0981	2	17
			2	23
			18	4
		5320-00-083-5009	15	68
07707	AD43-BS	4720-01-207-8357	1	1
16632	AME2001-0003	4720-01-206-9967	1	2
16632	AME2002-0003	5315-01-081-9991	24	9
88044	AN415-6	5310-01-073-8614	23	2
88044	AN935-816	5310-00-167-0766	18	36
88044	AN970-4	4710-00-203-3171	BULK	2
81346	ASTM B280		14	2
71176	AS64(TYPE 2)	4730-00-639-9730	4	13
07334	A0563		4	42
			13	10
			13	53
			15	37
		4730-01-206-8726	4	5
73992	B-12	6685-01-206-8629	15	64
61349	BU-3360-H	4730-01-206-1293	1	3
16632	DEA-00407	2910-01-206-8628	14	12
70040	GF-90 STYLE 119		19	30
92878	HP2-4184		24	3
92878	HP2-4251		13	52
92878	HP2-4360	4820-01-206-8686	13	41
92878	HP2-4373	3120-01-206-8697	19	29
92878	HP2-4415		15	60
92878	HP2-4437		14	11
92878	HP2-4456		3	7
92878	HP2-4482		21	7
92878	HP2-4500		24	17
92878	HP2-4501		18	29
92878	HP2-4503		21	2
92878	HP2-4528		18	40
92878	HP2-4542		17	5
92878	HP2-4544	4720-01-210-0349	13	16
92878	HP2-4561-03		13	18
			13	28
			18	68
92878	HP2-4564		4	18
92878	HP2-4566		18	41
92878	HP2-4569		9	12
92878	HP2-4581		13	14
92878	HP2-4591		13	13
92878	HP2-4594	2910-01-206-8721	14	7
92878	HP2-4601		21	4
92878	HP2-4604		4	20
92878	HP2-4639		3	1
92878	HP2-4708		18	15
92878	HP2-4720		18	17
92878	HP2-4721		18	16
92878	HP2-4722		17	4
92878	HP2-4723			

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
92878	HP2-4724	5330-01-206-8681	20	5
92878	HP2-4725	5310-01-206-8633	20	4
92878	HP2-4763		13	63
92878	HP2-4777		21	6
92878	HP2-4782-1		4	29
92878	HP2-4785		4	34
92878	HP2-4791		15	7
92878	HP2-4792		13	21
92878	HP2-4793		13	1
92878	HP2-4794		13	32
92878	HP2-4795		13	40
92878	HP2-4796		15	14
92878	HP2-4797		15	13
92878	HP2-4798		21	9
92878	HP2-4800		21	5
92878	HP2-4810-1		2	31
92878	HP2-4810-2		2	32
92878	HP2-4810-3		2	22
92878	HP2-4812	5330-01-206-8683	BULK	1
92878	HP2-4812-1		2	16
92878	HP2-4816		15	25
92878	HP2-4819		4	11
92878	HP2-4821	4520-01-206-6504	1	9
92878	HP2-4831-4		13	57
92878	HP2-4833	3010-01-207-1900	3	9
92878	HP2-4844		4	1
92878	HP2-4867	5340-01-206-8706	24	27
92878	HP2-4868		21	3
92878	HP2-4888	5330-01-206-8682	4	28
92878	HP2-4892	7690-01-206-8676	21	10
92878	HP2-4903		13	59
92878	HP2-4904		13	56
92878	HP2-4905		13	58
92878	HP2-4924	5315-01-206-8673	17	7
92878	HP2-4925	7690-01-206-8723	21	12
92878	HP2-4926		5	35
92878	HP2-4927		3	12
92878	HP2-4928		3	11
84256	LT1504-C10-7.5	4010-01-206-8627	24	14
			24	20
84256	L8T6	4010-00-963-7417	1	8
			18	9
81349	MIL-C-11743	7520-00-559-9618	2	14
04713	MJE3055	5961-00-497-4280	16	30
96906	MS16562-211	5315-00-039-5563	15	38
96906	MS16562-266	5315-00-514-1353	19	32
96906	MS16997-84	5305-00-983-6625	19	23
96906	MS17829-3C	5310-00-689-3877	15	23
			18	23
			18	32
96906	MS18154-60	5305-00-942-2196	14	6

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS18154-60	5305-00-942-2196	14	8
			17	8
			20	1
			22	6
			23	3
96906	MS20066-168	5315-00-815-9499	3	13
96906	MS20392-7C79	5315-00-957-9389	24	11
96906	MS21045-06	5310-00-889-2544	2	20
			2	28
96906	MS21045-08	5310-00-889-2549	19	17
96906	MS21045-3	5310-00-061-7326	2	4
96906	MS21316-23	5305-00-949-3804	18	57
96906	MS21333-69	5340-00-764-7051	16	10
96906	MS21919WDG8	5340-00-291-5347	13	39
96906	MS24325-1	2530-00-528-7224	23	6
96906	MS24328-2	2530-00-646-7705	23	16
96906	MS24629-35	5305-00-855-0961	16	17
96906	MS24665-394	5315-00-234-1628	23	10
96906	MS27142-2	5935-00-462-6603	16	15
96906	MS27148-2	5999-00-057-2929	9	15
			16	13
96906	MS27183-10	5310-00-809-4058	2	13
			18	66
			19	4
			19	9
			19	14
			24	6
96906	MS27183-12	5310-00-081-4219	3	5
			19	26
96906	MS27183-14	5310-00-080-6004	14	10
			24	29
96906	MS27183-18	5310-00-809-5998	24	10
			24	24
96906	MS27183-19	5310-00-809-3079	24	2
96906	MS27183-6	5310-00-082-1404	2	19
			2	29
			16	29
96906	MS27183-7	5310-00-809-8544	18	5
			18	8
			18	20
			19	18
96906	MS27183-8	5310-00-809-8546	2	5
			2	8
			15	22
			18	24
			18	33
96906	MS29512-04	5330-00-263-8028	13	30A
96906	MS29512-06	5330-00-263-8030	13	20A
			13	27A

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS29513-016	5330-00-248-3845	15	42
96906	MS29513-112	5330-00-733-2208	15	58
			15	41
96906	MS35190-253	5305-00-059-4568	15	57
96906	MS35206-230	5305-00-889-3000	19	16
96906	MS35206-233	5305-00-984-4993	2	18
96906	MS35206-243	5305-00-984-6191	2	27
96906	MS35206-247	5305-00-984-6195	4	14
96906	MS35206-248	5305-00-984-6196	18	7
96906	MS35206-261	5305-00-984-6208	16	22
			1	6
			2	1
			2	7
			2	24
			13	37
			15	3
			15	19
			15	62
96906	MS35206-263	5305-00-984-6210	16	1
			2	3
			15	21
			18	13
			18	22
96906	MS35206-273	5305-00-984-7364	18	31
96906	MS35206-277	5305-00-988-1721	16	31
			24	12
96906	MS35206-280	5305-00-988-1724	24	18
96906	MS35206-283	5305-00-988-1727	2	10
96906	MS35206-285	5305-00-988-1171	19	6
			19	1
96906	MS35333-37	5310-00-579-0079	19	11
96906	MS35333-38	5310-00-559-0070	16	28
96906	MS35333-39	5310-00-576-5752	16	24
			1	7
			2	2
			2	25
			13	38
			15	4
			15	20
			15	63
			16	2
			18	14
96906	MS35333-40	5310-00-550-1130	18	62
			2	12
96906	MS35338-43	5310-00-045-3296	18	28
96906	MS35338-44	5310-00-582-5965	16	33
			2	34
			13	62
			15	27
			15	66
			16	37

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS35338-44	5310-00-582-5965	17	2
			18	2
			19	3
			19	8
			19	13
			19	21
			24	8
			24	13
			24	19
96906	MS35338-45	5310-00-407-9566	3	4
			19	25
96906	MS35338-46	5310-00-004-5033	14	5
			14	9
			17	9
			17	11
			20	2
			20	7
			20	11
			22	7
			23	5
			24	30
96906	MS35489-11	5325-00-291-9366	15	24
96906	MS35489-14	5325-00-276-6100	15	61
96906	MS35489-15	5325-00-174-9008	18	71
96906	MS35489-47		18	70
96906	MS35643-1	5330-00-684-7851	22	3
96906	MS35645-1	2910-00-141-9758	22	2
96906	MS35649-202	5310-00-934-9758	16	32
			18	19
96906	MS35649-225	5310-00-934-9740	19	7
			19	12
96906	MS35649-2252	5310-00-997-1888	19	2
96906	MS35649-2312	5310-00-829-9981	3	3
			19	24
96906	MS35649-2382	5310-00-056-3395	16	27
			23	4
96906	MS35649-282	5310-00-934-9757	16	23
96906	MS35751-71	5306-00-816-2441	3	2
96906	MS35782-1	4820-00-684-0880	22	5
96906	MS39158-3	4730-00-900-3296	13	60
96906	MS39162-2	4730-00-972-1630	13	17
			13	29
96906	MS39230-5	4730-00-253-4415	4	4
96906	MS51021-56	5305-00-817-6139	15	1
			15	15
			15	17
			18	26
96906	MS51021-57	5305-00-638-8691	17	6
96906	MS51021-58	5305-00-638-8753	3	10
			13	12
96906	MS51021-69	5305-00-027-6244	14	3

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS51815-3	4730-00-096-8756	4	7
			13	6
			13	22
			15	33
			15	44
			18	42
			18	51
96906	MS51815-33		4	10
			13	9
			13	25
			15	36
			15	47
			18	45
			18	54
96906	MS51816-23		13	45
96906	MS51816-3	4730-00-619-9368	13	42
96906	MS51819-3	4730-00-003-5919	4	21
			4	24
			13	2
			13	5
			13	33
			13	36
			15	29
			15	32
			15	49
			15	52
			18	47
			18	50
96906	MS51819-35		15	11
96906	MS51819-5	4730-00-836-3498	15	8
96906	MS51823-3		4	8
			4	22
			13	3
			13	7
			13	23
			13	34
			13	43
			15	30
			15	34
			15	45
			15	50
			18	43
			18	48
			18	52
96906	MS51823-5		15	9
96906	MS51825-3		4	9
			4	23
			13	8
			13	24
			13	35
			13	44

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
96906	MS51825-3		15	31
			15	35
			15	46
			15	51
			18	44
			18	49
			18	53
			15	10
96906	MS51825-5	4730-00-196-1963	13	46
96906	MS51846-9		13	4
96906	MS51925-3	4730-00-196-1468	4	3
96906	MS51953-97	5310-00-761-6882	2	11
96906	MS51967-2		16	36
			24	7
96906	MS51967-8	5310-00-732-0558	14	4
96906	MS51968-14	5310-00-732-0560	23	1
96906	MS90725-109	5305-00-044-4153	24	1
			24	23
96906	MS90725-2		4	25
96906	MS90725-3	5305-00-068-0500	2	33
			13	61
			15	65
			17	1
			18	1
			19	20
			24	5
96906	MS90725-32	5306-00-225-8497	17	10
96906	MS90725-39	5306-00-225-8503	3	6
96906	MS90725-58	5305-00-269-3209	24	28
96906	MS90725-8	5305-00-225-3839	15	26
96906	MS90728-63	5305-00-688-2111	20	6
			20	10
81349	M1348-1-5-14 IN		16	16
81349	M13486-1-5-30 IN		9	16
81349	M13486/1-5	6145-00-152-6499	BULK	1
81349	M7928/5-3	5940-01-079-1647	9	11
57386	NV-9823-1-Z1		2	21
24617	N673	5330-00-423-4210	18	56A
91816	P-356	4820-00-639-9802	18	55
18265	P11-2257	4730-00-706-7761	4	41
91816	P356-50	4920-01-201-1471	15	53
81349	QQ-P-416TYP2CL3		16	14
09094	R-1	4010-01-076-9279	24	15
			24	21
18265	RBX00-2280	6685-00-179-8632	4	40
11583	RJ12	2920-01-206-8649	8	1
98660	R1100-4	4730-01-206-8626	13	30
90763	SS-48152	5340-00-205-5244	4	17
59730	TY-23M	5975-00-727-5153	16	11
17875	VI-100-CP		13	51
19258	V1275		28	2

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
70485	X1277	9320-00-729-6188	BULK	1
81348	ZZ-T-410A/GPI/6.00/6.90-9/C/PLRB	2610-00-050-9840	23	7
81348	ZZ00550	2610-00-089-5997	23	8
92878	1-HP2-4436		17	12
92878	1-HP2-4541		18	34
92878	1-HP2-4551		18	3
92878	1-HP2-4552	2805-01-206-6567	3	8
92878	1-HP2-4553		22	10
92878	1-HP2-4567		4	26
92878	1-HP2-4593		13	11
92878	1-HP2-4740		18	60
92878	1-HP2-4786		16	3
92878	1-HP2-4787	2920-01-206-8632	16	20
92878	1-HP2-4799		15	28
92878	1-HP2-4808	4820-01-206-8687	13	50
92878	1-HP2-4820		2	35
92878	1-HP2-4902	4820-01-206-8688	13	55
92878	1-HP2-4942		4	12
79470	1/4NPT3579X4	4730-00-277-9615	15	12
92878	1037	5310-00-596-7693	4	15
18876	10608076-5		9	3
			9	5
19207	10905498		2	6
79470	112877	4730-01-206-8678	13	26
79470	119099	4730-01-206-8677	4	2
79470	121761	4730-01-206-8679	13	54
21450	131245	5310-00-013-1245	18	35
92878	131431		4	43
60038	15123	3110-00-198-2169	23	13
60038	15245	3110-00-198-2170	23	14
99024	16-5686	5310-01-103-5739	23	11
99024	16-5863	5310-01-105-9388	23	12
99024	16-5994	5307-01-122-2707	23	15
99024	16-6200	5330-01-103-8602	23	18
99024	16-6201		23	9
92878	168459		21	11
92878	168576	5310-01-206-8701	16	34
92878	168706	2910-01-206-8630	16	4
92878	168707		16	9
92878	168708		16	8
92878	19051		25	1
92878	19063		25	4
92878	19064		25	7
92878	19065		25	8
92878	19066		25	3
92878	19122		25	6
92878	19138		27	
92878	19138A		27	3
92878	19139		27	2

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92878	19167	4520-01-209-6570	25	9
92878	19182		27	1
92878	19191		25	2
92878	19205		26	
92878	19206		26	1
92878	19208		26	2
92878	19209		26	3
92878	19210		26	4
92878	19230		25	5
92878	2-HP2-4417		20	3
92878	2-HP2-4429		18	69
92878	2-HP2-4430		18	72
92878	2-HP2-4438		18	67
92878	2-HP2-4518		19	27
92878	2-HP2-4529		18	37
92878	2-HP2-4530		18	39
92878	2-HP2-4531		18	38
92878	2-HP2-4534-1		4	19
92878	2-HP2-4605		22	4
92878	2-HP2-4614		24	33
92878	2-HP2-4688-1		19	15
92878	2-HP2-4688-2		19	5
92878	2-HP2-4689		19	10
92878	2-HP2-4726		2	26
92878	2-HP2-4729		17	3
92878	2-HP2-4731		2	15
92878	2-HP2-4736		18	63
92878	2-HP2-4737		2	36
92878	2-HP2-4739		18	64
92878	2-HP2-4751		15	67
92878	2-HP2-4753		15	5
92878	2-HP2-4756		20	8
92878	2-HP2-4757		20	12
92878	2-HP2-4769		2	9
92878	2-HP2-4781-10		22	9
92878	2-HP2-4802		16	38
92878	2-HP2-4804		3	14
92878	2-HP2-4815		1	5
92878	2-HP2-4835		24	25
92878	2-HP2-4851		24	31
92878	2-HP2-4859		24	26
92878	2-HP2-4882		7	8
92878	2-HP2-4889		4	16
92878	2-168681	4520-01-087-9511	18	56
08645	210811		5	30
08645	211117		10	12
08645	211436		12	18
08645	211542		12	4
08645	211712		5	9
08645	211787		12	19
08645	212293	2910-01-198-6136	4	27

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FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
08645	212358		5	2
08645	22032		5	26
93061	2205P-2	4730-00-254-6374	13	49
			15	55
08645	220897		5	21
08645	220899		5	19
08645	221511		7	5
08645	221512		7	3
08645	221551		6	11
08645	221798	2590-01-013-0103	8	7
08645	221890		10	8
08645	222282		10	7
08645	222443		7	7
08645	222450		6	6
08645	222698	2990-01-195-4683	9	7
08645	222845		4	32
08645	222972		5	12
08645	22963		12	3
70485	23W	5340-00-272-3560	2	30
08645	230126		11	8
08645	230127		11	9
08645	231077		6	9
08645	231079		12	17
08645	231082		6	4
08645	231177		4	39
08645	231216		5	22
08645	23144		5	28
08645	23230		5	15
08645	23270		5	17
08645	23970		9	10
60038	24720	3110-00-100-0542	23	19
60038	24780	3110-00-100-3537	23	17
81343	250JB2L	5961-01-017-5365	16	25
08645	26026		10	2
08645	260552		11	6
08645	260642		11	13
08645	260860		11	12
08645	261044		11	7
08645	261126		6	2
08645	261357		5	27
08645	261589		6	1
08645	26229		5	18
08645	26826		11	11
44655	270-25	5905-01-206-9954	16	35
08645	270126		12	12
08645	270383	5330-01-013-5580	12	5
08645	271042	5330-01-193-1476	4	37
08645	271077	5365-01-189-7245	4	35
08645	271118	5310-01-204-8561	4	31
08645	27355	5330-00-215-3854	5	3
08645	27549	5330-00-678-4431	11	4

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08645	27917		5	7
08645	280203		5	25
08645	280213		4	36
71895	28930-2	4530-00-300-9598	18	59
08645	291630		8	2
92878	29166		25	
08645	292088		5	24
08645	292259		11	10
08645	292681		5	10
08645	293477		5	29
08645	293478		5	32
08645	294178	2805-00-624-0282	11	3
08645	294874		5	20
77060	2969608	5975-00-660-5962	9	13
08645	297229		9	6
08645	297357		12	6
08645	297565		12	22
08645	297603		12	14
08645	297615	5330-00-411-9116	12	
08645	298204		12	10
08645	298529		8	3
08645	298909		10	1
08645	299410		7	2
08645	299421		9	4
08645	299430		10	5
08645	299819		12	21
73992	3000-43	4730-00-839-5120	13	15
92878	30007		16	12
79470	3152X2	4730-00-287-3281	13	47
			15	48
			15	54
			18	46
79470	3325X4X2	4730-00-640-6330	14	13
92878	3497	5305-01-206-8689	16	26
08645	391737		6	10
08645	393596		10	11
08645	393753		5	5
08645	393812	5330-01-193-1477	12	13
08645	393819		10	3
08645	393827		5	13
08645	393835		10	4
08645	393839		12	16
08645	393920		6	3
08645	393960		5	23
08645	393978		5	6
08645	393979		5	34
08645	394010	2910-01-206-8625	5	D
08645	394173		9	9
08645	394970	2920-01-179-7016	8	8

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08645	395490	2920-01-197-6553	8	6
08645	395491	2920-01-200-1642	8	5
79396	42292	2940-01-157-5143	4	33
24161	44	3030-00-983-6118	14	1
04236	45D13	4730-00-203-3129	3	15
79470	49X4X4	4730-00-366-3011	13	19
92878	49114		18	65
92878	49358		16	18
92878	49683		18	30
81997	501L	4810-01-206-8634	15	43
81997	502J	4810-01-206-8635	15	59
23224	50200A-9¾	6680-01-169-5990	22	1
92878	5028		16	5
92878	50896		16	19
33095	51-719-021	5915-01-111-5450	16	21
92878	51218		16	7
30327	54F1-4X1-8	4730-00-289-4746	13	31
19207	547002	4730-00-263-2733	4	6
			13	48
30780	6-1/4F50G-B	4730-01-101-2534	13	20
			13	27
08645	63709		12	20
08645	65304	5310-00-297-6108	12	7
08645	66638	4720-00-624-0263	11	2
08645	66768		12	11
08645	68877		5	33
08645	68987	5330-00-254-2054	5	4
08645	69932	2990-01-150-0772	9	1
92878	7521		18	61
19207	7697487	2510-00-769-7487	24	4
51506	794-S-1/2-8-HW		20	9
			20	13
92878	7982		16	6
09094	803 B8-2.5 SK	5340-01-168-5693	24	16
			24	22
98752	8227018-01		21	1
98752	8227024-01	7530-01-206-8675	21	13
98752	8227025-01		21	8
92878	8227027-01	4520-01-100-9828	1	4
92878	8227040-10		18	25
92878	8227068-3		15	2
92878	8227069-03		15	18
92878	8227070-03		15	16
			18	27
92878	8227072-03		19	31
92878	8227086-01		15	39
92878	8227091-10		19	19
92878	8227092-10		19	22
92878	8227093-01		19	28
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92878	8227123-10		18	11
92878	8227124-01		18	6
92878	8227127-01		18	18
92878	8227132-10		18	21
92878	8227204-01		15	40
92878	8227219-01	5310-01-100-6820	15	56
92878	8227221-03		22	8
92878	8227239		24	32
92878	8227242-10		28	1
19207	8338562	5970-00-833-8562	15	6
08645	91249		9	14
08645	91258		12	15
08645	92284		12	8
08645	92296		9	2
08645	92613		10	6
08645	92987	5310-00-582-5710	6	5
08645	93032		4	38
08645	93042	5305-00-719-4603	12	9
08645	03043		7	4
08645	93158	5305-00-719-4782	5	8
08645	93306		7	1
08645	93307		6	7
08645	93312		6	8
08645	93347		11	5
08645	93357	5305-01-043-0551	5	16
08645	93368		5	1
08645	93369		12	2
08645	93394	5305-00-073-8255	12	1
08645	93414		11	1
08645	93499		8	4
08645	93639		5	11
08645	93705		9	8
08645	93856	5310-01-204-8555	7	6
08645	99157		4	30
08645	99158		10	10
08645	99634		10	9
			5	14

By Order of the Secretary of the Army:

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BE EXACT. . PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
6	2-1 a		
B1		4-3	
125	line 20		

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

In line 6 of paragraph 2-1a the manual states the engine has 6 Cylenders. The engine on my set only has 4 Cylenders. Change the manual to show 4 Cylenders.

Callout 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is called a shim - Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER
JOHN DOE, PFC (268) 317-7111

SIGN HERE John Doe
JOHN DOE

DA FORM 1 JUL 79 2028-2

PREVIOUS EDITIONS ARE OBSOLETE.

DRSTS-M Overprint 1, 1 Nov 80

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

TEAR ALONG PERFORATED LINE

REVERSE OF DA FORM 2028-2 Reverse of DRSTS-M Overprint 2, 1 Nov 80

FILL IN YOUR UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

POSTAGE AND FEES PAID
DEPARTMENT OF THE ARMY
DOD 314

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

TEAR ALONG PERFORATED LINE

COMMANDER
U S ARMY TROOP SUPPORT COMMAND
ATTN: AMSTR-MCTS
4300 GOODFELLOW BOULEVARD
ST. LOUIS, MO 63120-1798

TEAR ALONG PERFORATED LINE

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER	PUBLICATION DATE	PUBLICATION TITLE
TM 5-4520-251-24P	27 Dec 85	Heater, Duct Type, 400,000 BTU/HR, Model PH-400-G

BE EXACT. . . PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

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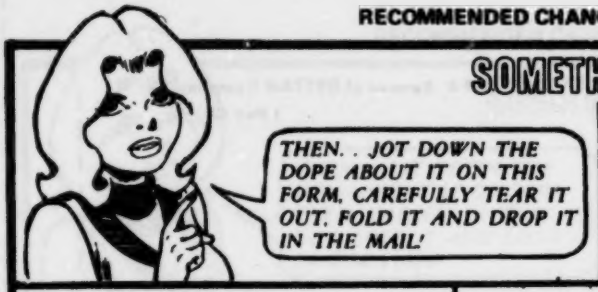

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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
1 decimeter = 10 centimeters = 3.94 inches
1 meter = 10 decimeters = 39.37 inches
1 dekameter = 10 meters = 32.8 feet
1 hectometer = 10 dekameters = 328.08 feet
1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
1 decigram = 10 centigrams = 1.54 grains
1 gram = 10 decigram = .035 ounce
1 dekagram = 10 grams = .35 ounce
1 hectogram = 10 dekagrams = 3.52 ounces
1 kilogram = 10 hectograms = 2.2 pounds
1 quintal = 100 kilograms = 220.46 pounds
1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
1 deciliter = 10 centiliters = 3.38 fl. ounces
1 liter = 10 deciliters = 33.81 fl. ounces
1 dekaliter = 10 liters = 2.64 gallons
1 hectoliter = 10 dekaliters = 26.42 gallons
1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	*To*	*Multiply by*	*To change*	*To*	*Multiply by*
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29,573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C